



# भारत का राजपत्र The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
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#### PATENTS AND DESIGNS

Kolkata, the 2nd August, 2003

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Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-Mail: delhipatent @ vsnl. net.

3. Patent Office Branch,  
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Chennai-600 018.

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Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax Nos. (044) 2431 4750/4751.  
E-Mail: patentchennai @ vsnl. net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-Mail: patentin @ vsnl. com.

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Website : http://ipindia.nic.in

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### पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 2 अगस्त 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (विस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र दमन तथा दीव एवं  
दादर और नगर हवेली।

तार पता : "पेटेंटफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684.

फैक्स : (022) 2495 0622.

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई.-मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,

गुणा कम्प्लेक्स, छठ तल, एनैक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनीकाय तथा एमिनिदिव द्वीप।  
तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई.-मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई.-मेल : patentin@vsnl.com

patindia@giasci01.vsnl.net.in

वेब साइट : http://ipindia.nic. in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

**GOVERNMENT OF INDIA**  
**PATENT OFFICE - CHENNAI BRANCH**

**National Phase Application for Patent under PCT filed in the month of January, 2003**

SL No	NP Appl no and Date	Corres. PCT App. no & Date	Priority Doc no & Date	country	Applicant Details	Title of Invention	IPC Classes
1	00001/CHENP/2003 01/01/2003	PCT/EP01/01098 02/02/2001	No. 00112688.7 15/06/2000	Switzerland	Urea casale S.A., Switzerland	Process and plant for the production of urea	C 07 C 273/04
2	00002/CHENP/2003 01/01/2003	PCT/US01/18411 06/06/2001	No. 60/209, 907 07/06/2000	United States of America	Alfa wasserman, Inc., USA	Methods an compositions using sulfoxide for the treatment of diabetic nephropathy	A 61 K 31/00
3	00003/CHENP/2003 02/01/2003	PCT/FI01/00638 04/07/2001	No. 60/216, 341 05/07/2000	Finland	Biotie therapies corporation, Finland	Inhibitors of copper - containing amine oxidases	A 61 K 31/00
4	00004/CHENP/2003 02/01/2003	PCT/FI01/00637 04/07/2001	No. 60/216, 341 05/07/2000	Finland	Biotie therapies corporation, Finland	Inhibitors of copper - containing amine oxidases	C 07 D 273/00
5	00005/CHENP/2003 02/01/2003	PCT/IL01/00601 29/06/2001	No. 137185 05/07/2000	Israel	Baby's breath Ltd., Israel	Aerosol inhalation interface	A 61 K
6	00006/CHENP/2003 02/01/2003	PCT/US01/21269 05/07/2001	No. 60/216, 381 07/07/2000	United States of America	Aventis pharmaceuticals inc., USA	Transposon mediated multiplex sequencing	C 12 Q 1/68
7	00007/CHENP/2003 02/01/2003	PCT/US01/41049 18/06/2001	No. 09/611, 569 07/07/2000	United States of America	Qualecomin incorporated, USA	Method and apparatus for secure identity authentication with audible tones	G 06 F 1/00
8	00008/CHENP/2003 02/01/2003	PCT/EP01/07875 09/07/2001	No. 0017031.6 11/07/2000	Austria	Biochemie gesellschaft m b H, Austria	Pleuromutlin derivatives having antibacterial activity	C 07 C 323/52
9	00009/CHENP/2003 02/01/2003	PCT/FR01/02012 25/06/2001	No. 00/08707 05/07/2000	Belgium	Oleon N.V., Belgium	Method and fluid for controlling saturation of a formation around a well	C 09 K 7/02
10	00010/CHENP/2003 02/01/2003	PCT/IB02/01573 02/05/2002	No. 0111008.9 04/05/2001	Netherlands	Koninklijke philips electronics N.V., Netherlands	Recording of interactive applications	H 04 N 7/24
11	00011/CHENP/2003 03/01/2003	PCT/EP01/07227 26/06/2001	No. 00305726.2 06/07/2000	United Kingdom	International coatings limited, United Kingdom	Anti-fouling paint	C 09 D 5/16
12	00012/CHENP/2003 03/01/2003	PCT/SE01/01447 25/06/2001	Nos 00850124.9; 60/216, 491 06/07/2000	Netherlands	Akzo nobel NV & others, Netherlands	Activation of a cathode	C 25 B 11/00
13	00013/CHENP/2003 03/01/2003	PCT/US01/19222 13/06/2001	No. 09/592, 873 13/06/2000	United States of America	ZMS LLC., USA	Morphology trapping and materials suitable for use therewith	C 08 J 3/00
14	00014/CHENP/2003 03/01/2003	PCT/EP01/08288 17/07/2001	No. 00306148.8 19/07/2000	Netherlands	Shell internationale research maatschappij B.V., Netherlands	On - line calibration process	G 05 B 17/02
15	00015/CHENP/2003 03/01/2003	PCT/NL01/00517 06/07/2001	No. 1015655 07/07/2000	Netherlands	DSM N.V., Netherlands	Catalyst for asymmetric (transfer) hydrogenation	C 07 F 15/00
16	00016/CHENP/2003 03/01/2003	PCT/US01/19042 14/06/2001	No. 09/613, 954 11/07/2000	United States of America	Union carbide chemicals & plastics technology corporation, USA	Method of reducing formation of precipitates in solvent recovery system	C 08 F 6/00
17	00017/CHENP/2003 03/01/2003	PCT/EP01/07716 05/07/2001	No. 100 32 884.9 06/07/2000	Germany	Basf Aktiengesellschaft, Germany	Process for the preparation of propylene oxide	C 07 D 301/12
18	00018/CHENP/2003 03/01/2003	PCT/EP01/07717 05/07/2001	No. 100 32 885.7 06/07/2000	Germany	Basf Aktiengesellschaft, Germany	Process for the preparation of propylene oxide	C 07 D 301/32
19	00019/CHENP/2003 03/01/2003	PCT/DE01/02402 29/06/2001	No. 100 32 313.8 04/07/2000	Germany	Robert BOSCH GmbH, Germany	Coil spring from an alloy steel and method for producing such coil springs	C 23 C 8/26
20	00020/CHENP/2003 06/01/2003	PCT/EP01/07667 05/07/2001	No. 100 33 353.2 08/07/2000	Germany	Aventis pharma deutschland GmbH, Germany	Method with a wide range of applications, for identifying modulators of G - protein - coupled receptors	C 12 Q 1/68

21	00021/CHENP/2003 06/01/2003	PCT/EP01/07303 27/06/2001	No. 00305790.8 07/07/2000	Netherlands	Akzo nobel NV, Netherlands	Transfer line and cleaning method for a transfer line	B 08 B 9/027
22	00022/CHENP/2003 06/01/2003	PCT/US01/21623 10/07/2001	No. 09/614, 295 12/07/2000	United States of America	Geneva pharmaceuticals, USA	Alpha, alpha - dibromo - alpha - chloro - acetophenones as synthons	C 07 D 211/00
23	00023/CHENP/2003 06/01/2003	PCT/US01/20921 29/06/2001	Nos. 60/217, 828; 60/255, 097; 09/891, 573 12/07/2000, 13/12/2000; 26/06/2001	United States of America	Cognis corporation, USA	Transesterification process	C 07 C
24	00024/CHENP/2003 06/01/2003	PCT/DK01/00406 13/06/2001	Nos. PA 2000 00919, 60/212, 445 14/06/2000, 16/06/2000	Denmark	H Lundbeck A/S., Denmark	Indole derivatives useful for the treatment of CNS disorders	C 07 D 401/14
25	00025/CHENP/2003 06/01/2003	PCT/EP01/07937 10/07/2001	No. 00306003.5 14/07/2000	Netherlands	Shell internationale research maatschappij B.V., Netherlands	FCC reactor vessel	C 10 G 11/18
26	00026/CHENP/2003 06/01/2003	PCT/IB02/01419 19/04/2002	No. 01201686.1 08/05/2001	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Generation and detection of a watermark robust against resampling of an audio signal	G 11 B 20/00
27	00027/CHENP/2003 06/01/2003	PCT/IB02/01405 19/04/2002	No. 01201688.7 08/05/2001	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Watermarking	G 11 B 20/00
28	00028/CHENP/2003 07/01/2003	PCT/EP01/05912 23/05/2001	No. 100.33.233.1 10/07/2000	Germany	Aloys woben, Germany	Stator support	H 02 K 1/18
29	00029/CHENP/2003 07/01/2003	PCT/GB01/02532 08/06/2001	Nos. 0013972.5; 0107069.7 08/06/2000, 21/03/2001	United Kingdom	Craig jameson bailhe & others, United Kingdom	Improved luminous materials	C 09 K 11/02
30	00030/CHENP/2003 07/01/2003	PCT/DK01/00475 06/07/2001	Nos. PA 2000 01067, PA 2000 01923, PA 2001 01050 07/07/2000; 21/12/2000; 03/07/2001	Denmark	Anestic APS, Demark	Suppository and composition comprising at least one, polyethylene glycol	A 61 K 9/00
31	00031/CHENP/2003 07/01/2003	PCT/US01/21994 11/07/2001	Nos. 60/218, 552; 09/751; 607 13/07/2000; 29/12/2000	United States of America	Qualcomm incorporated, USA	Method and apparatus for performing idle mode reacquisition and handoff in an asynchronous communication system	H 04 Q 7/00
32	00032/CHENP/2003 07/01/2003	PCT/EP01/07939 10/07/2001	No. 09/614, 978 12/07/2000	Netherlands	Shell internationale research maatschappij B.V., Netherlands	Standpipe inlet for enhancing particulate solids circulation for petrochemical and other processes	C 10 G 11/18
33	00033/CHENP/2003 07/01/2003	PCT/EP01/06686 13/06/2001	No. 100.28.576.7 14/06/2000	Germany	Basf Aktiengesellschaft, Germany	Use of phenethyl acrylamides, novel phenethyl acrylamides, method for the production thereof and agents containing the same	A 01 N 37/18
34	00034/CHENP/2003 07/01/2003	PCT/EP01/06687 13/06/2001	No. 100.28.950.9 16/06/2000	Germany	BASF Aktiengesellschaft, Germany	Method for the production of caprolactam	C 07 D 201/08
35	00035/CHENP/2003 07/01/2003	PCT/EP01/07124 22/06/2001	Nos. 100.30.619.5; 100.41.676.4 28/06/2000; 24/08/2000	Germany	BASF Aktiengesellschaft, Germany	Process for the preparation of alkylamines	C 07 C 209/00
36	00036/CHENP/2003 07/01/2003	PCT/IB02/01511 24/04/2002	No. 01201692.9 09/05/2001	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Method and apparatus for decrypting encrypted data stored on a record carrier	G 11 B 20/00
37	00037/CHENP/2003 07/01/2003	PCT/IB02/01502 23/04/2002	No. 01201690.3 09/05/2001	Netherlands	Koninklijke Philips electronics N.V., Netherlands	A method of and a system to play a media file	G 11 B 20/18
38	00038/CHENP/2003 07/01/2003	PCT/IB02/01418 19/04/2002	No. 01201687.9 08/05/2001	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Watermarking	G 11 B 20/00
39	00039/CHENP/2003 08/01/2003	PCT/IN01/00018 15/02/2001	No. P02 01 03063 14/08/2002	India	The Registrar, Indian Institute of Science, Bangalore - 560012	A novel vaccine formulation consisting of DNA vaccine and inactivated virus	0



40	00040/CHENP/2003 08/01/2003	PCT/US01/21818 11/07/2001	No. 60/217. 412 11/07/2000	United States of America	Albany molecular research, inc., USA.	Novel 4 - phenyl substituted tetrahydroisoquinolines and therapeutic use thereof	nil
41	00041/CHENP/2003 08/01/2003	PCT/IL01/00626 09/07/2001	Nos. 60/217, 021: 09/649, 023 11/07/2000, 28/08/2000	Israel	In4tel Ltd., Israel	Internal antennas for mobile communication devices	nil
42	00042/CHENP/2003 08/01/2003	PCT/CH01/00332 29/05/2001	No. 1367/00 11/07/2000	Switzerland	Textilma AG, Switzerland	Plant for the continuous production of a printed textile tape, in particular a label tape	nil
43	00043/CHENP/2003 08/01/2003	PCT/NO01/00301 13/07/2001	No. 20003591 13/07/2000	Norway	Thia medica AS, Norway	Fatty acid analogues for the treatment of cancer	nil
44	00044/CHENP/2003 08/01/2003	PCT/EP01/07409 28/06/2001	No. 100 34 191.8 13/07/2000	Germany	Basell polyolefine GmbH, Germany	Hollow plastic articles made from high - density polyolefins prepared using a fluorine - modified chromium catalyst	nil
45	00045/CHENP/2003 08/01/2003	PCT/NL01/00535 12/07/2001	No. 1015744 19/07/2000	Netherlands	DSM N.V., Netherlands	Process for the preparation of 2 - (6 - substituted 1, 3 - dioxane - 4 - yl) acetic derivatives	nil
46	00046/CHENP/2003 08/01/2003	PCT/EP01/07126 22/06/2001	No. 100 30 512.1 28/06/2000	Germany	BASF Aktiengesellschaft, Germany	Polyamides	nil
47	00047/CHENP/2003 08/01/2003	PCT/EP01/07130 22/06/2001	No. 100 30 635.2 29/06/2000	Germany	BASF Aktiengesellschaft, Germany	Stabilized black polyoxymethylene molding compositions	nil
48	00048/CHENP/2003 08/01/2003	PCT/EP01/08074 12/07/2001	No. 100 33 845.3 12/07/2000	Germany	Aloys wobben, Germany	Tower made of pre - stressed concrete pre - fabricated assembly units	nil
49	00049/CHENP/2003 08/01/2003	PCT/EP01/07896 09/07/2001	Nos. 100 33 238.2; 100 63 136.6 10/07/2000; 18/12/2000	Germany	Aloys wobben, Germany	Device for handling unit loads	nil
50	00050/CHENP/2003 09/01/2003	PCT/EP01/06660 12/06/2001	No. 00810529.8 19/06/2000	Switzerland	Ciba speciality chemicals holding inc., Switzerland	Fluorescent brightener pigment compositions	C11D 3/42, C09B 67/00
51	00051/CHENP/2003 09/01/2003	PCT/EP01/07887 09/07/2001	No. 00202491.7 12/07/2000	Netherlands	Akzo nobel N.V., Netherlands	Thrombin inhibitors comprising an aminoisoquinolin	C 07 D 217/22, 401/12
52	00052/CHENP/2003 09/01/2003	PCT/EP01/06775 15/06/2001	No. 00112688.7 15/06/2000	Switzerland	Urea casale S.A., Switzerland	Process for decomposing a carbamate aqueous solution coming from the urea recovery section of a urea production plant	C07C 273/04
53	00053/CHENP/2003 09/01/2003	PCT/IB01/01255 13/07/2001	No. 1390/00 14/07/2000	British Virgin Islands	Clariant finance (BVI) limited, British Virgin Islands	Mixtures of phosphorus - containing compounds	C08K 5/00, C07F 9/06
54	00054/CHENP/2003 09/01/2003	PCT/DK01/00459 29/06/2001	Nos. PA 2000 01027, PA 2000 01092 30/06/2000, 14/07/2000	Denmark	Maxygen APS & others, Denmark	Peptide extended glycosylated polypeptides	C 07 K 14/00
55	00055/CHENP/2003 09/01/2003	PCT/NO01/00289 06/07/2001	No. 20003508 07/07/2000	Norway	Thin film electronics ASA, Norway	Addressing of memory matrix	G11C 11/22
56	00056/CHENP/2003 09/01/2003	PCT/EP01/07129 22/06/2001	No. 100 30 553.9 29/06/2000	Germany	BASF Aktiengesellschaft, Germany	Stabilized thermoplastic moulding materials	C 08L 23/00
57	00057/CHENP/2003 09/01/2003	PCT/EP01/07291 28/06/2001	No. 00115391.5 17/07/2001	Switzerland	Societe des produits nestle SA, Switzerland	A shelf stable nutritious food product and a product and a process for its preparation	A23L 1/20
58	00058/CHENP/2003 10/01/2003	PCT/US01/20319 26/06/2001	No. 09/606, 399 29/06/2000	Belgium	Lenaerts, Vincent & others, Belgium	Cross - linked high amylose starch for use in controlled - released pharmaceutical formulations and processes for its manufacture	A61K9/20
59	00059/CHENP/2003 10/01/2003	PCT/EP01/07941 10/07/2001	Nos. 0017174.4; 0023326.2 12/07/2000, 22/09/2000	Switzerland	Novartis AG, Switzerland	Piperidine compounds for use as CCR - 3 inhibitors	C07D 211/32, 401/06

60	00060/CHENP/2003 10/01/2003	PCT/JP02/02834 25/03/2002	No. 2001 - 145520 15/05/2001	Japan	Honda giken kogyo kabushiki kaisha, Japan	Production method for separated repair parts for body panel	B62D 25/02
61	00061/CHENP/2003 10/01/2003	PCT/EP01/08000 11/07/2001	No. 10034831.9 18/07/2000	Germany	Ciba spezialitatenchemie pfersee GmbH, Germany	Mixtures of polysiloxane emulsions	C08L 83/08
62	00062/CHENP/2003 10/01/2003	PCT/SE01/01652 19/07/2001	No. 0002739 - I 21/07/2000	Sweden	Biovitrum AB, Sweden	Aryl sulfonamides as serotonin antagonist for the treatment of obesity	C07C 311/51, A 61 K 31/018
63	00063/CHENP/2003 10/01/2003	PCT/EP01/08420 20/07/2001	No. 60/220.211 22/07/2000	Switzerland	Syngenta participations AG, Switzerland	Method for high - temperature hydrolysis of galactose containing oligosaccharides in complex mixtures	A23K
64	00064/CHENP/2003 10/01/2003	PCT/EP01/08394 19/07/2001	No. 1015752 20/07/2000	Netherlands	Campina B.V., Netherlands	Method for producing a tableting additive, additive thus obtained and use thereof	C 13 K 5/00, A 61 K 47/26
65	00065/CHENP/2003 10/01/2003	PCT/EP01/07933 10/07/2001	No. 00402037.6 17/07/2000	Netherlands	Shell internationale research maatschappij B.V., Netherlands	Process to prepare water - white lubricating base	C 10 G 65/08
66	00066/CHENP/2003 10/01/2003	PCT/EP01/08253 17/07/2001	No. 00115556.3 19/07/2000	Switzerland	Novartis AG, Switzerland	Valsartan salts	C 07 D 257/04, A 61 K 31/41
67	00067/CHENP/2003 10/01/2003	PCT/CA01/00963 28/06/2001	No. 09/606,398 29/06/2000	Canada	Labopharm, Inc., Canada	Polymeric micelle compositions	A 61 K 9/107, 9/51
68	00068/CHENP/2003 10/01/2003	PCT/DE01/01804 11/05/2001	No. 100 35 041 0 19/07/2000	Germany	Robert BOSCH GmbH, Germany	Method for adjusting the transmission parameters from a transmitter for digital radio signals	H 04 L 1/00
69	00069/CHENP/2003 13/01/2003	PCT/EP01/07265 26/06/2001	No. 00810589.2 05/07/2000	Switzerland	Ciba speciality chemicals holding inc., Switzerland	Process for the preparation of manganese complexes	C 07 F 13/00
70	00070/CHENP/2003 13/01/2003	PCT/DK01/00512 20/07/2001	No. 60/219, 663 21/07/2000	Denmark	VIR A/S., Kuldysen, 10, DK - 2630, Taastrup, Denmark	Coupling elements for surface plasmon resonance sensors	G 02 B 5/18
71	00071/CHENP/2003 13/01/2003	PCT/CH01/00443 17/07/2001	No. 00810663.5 26/07/2000	Switzerland	ABB Turbo systems AG, Switzerland	Device for fastening turbocharger	F 01 D 25/28, F 02 C 6/12
72	00072/CHENP/2003 13/01/2003	PCT/GR01/00028 20/06/2001	No. 09/599, 743 23/06/2000	Great Britain	BIC VIOLEX S.A., Great Britain	Razor with a movable shaving head	B 26 B 21/22
73	00073/CHENP/2003 13/01/2003	PCT/EP01/06688 13/06/2001	No. 100 29 187 2 19/06/2000	Germany	BASF Aktiengesellschaft, Germany	Method for removing 6 - aminocapronitrile from mixtures that contain 6 - aminocapronitrile, adipodinitrile and hexamethylenediamine	C 07 C 253/34, 255/24
74	00074/CHENP/2003 13/01/2003	PCT/EP01/07120 22/06/2001	No. 100 30 515.6 28/06/2000	Germany	BASF Aktiengesellschaft, Germany	Polyamide	C 08 G 69/04, 69/16
75	00075/CHENP/2003 13/01/2003	PCT/US01/21585 10/07/2001	Nos. 60/218, 464: 09/900, 355 14/07/2000, 06/07/2001	United States of America	Photogen, INC., USA	Medicaments for chemotherapeutic treatment of disease	A 61 K 31/352
76	00076/CHENP/2003 13/01/2003	PCT/EP01/07064 20/06/2001	No. 0015447.6 23/06/2000	Italy	Pharmacia italia S.p.A., Italy	Combined therapy against tumors comprising substit	A 61 K 31/00
77	00077/CHENP/2003 13/01/2003	PCT/EP01/07059 20/06/2001	No. 0015444.3 23/06/2000	Italy	Pharmacia italia S.p.A., Italy	Pharmaceutical compositions comprising acryloyl distamycin derivatives and topoisomerase I and II inhibitors	A 61 K 31/70, 31/565
78	00078/CHENP/2003 13/01/2003	PCT/EP01/07060 20/06/2001	No. 0015446.8 23/06/2000	Italy	Pharmacia italia S.p.A., Italy	Combined therapy against tumors comprising substituted acryloyl distamycin derivatives and alkylating agents	A 16 K
79	00079/CHENP/2003 14/01/2003	PCT/FR00/02069 19/07/2000	nil nil	France	Honeywell garrett SA, France	Slide vane turbocharger with stepped vanes	F 01 D 17/14, 17/16
80	00080/CHENP/2003 14/01/2003	PCT/ZA01/00093 13/07/2001	No. 0017515.8 15/07/2000	South Africa	Donald munro miller, South Africa	Improvements in and relating to respiratory apparatus	A 61 M 16/04

81	00081/CHENP/2003 14/01/2003	PCT/EP01/08126 13/07/2001	No. 100 36 002.5 25/07/2000	Germany	Bayer cropscience GmbH, Germany	Herbicidal compositions	A 01 N 47/36
82	00082/CHENP/2003 14/01/2003	PCT/DE01/02516 06/07/2001	No. 100 34 459.3 15/07/2000	Germany	Robert BOSCH GmbH, Germany	Method and apparatus for measuring the execution time for a task in a real - time system	G 06 F 9/00
83	00083/CHENP/2003 14/01/2003	PCT/EP01/07266 26/06/2001	Nos. 00810581.9; 2156/00 04/07/2000, 03/11/2000	Switzerland	Ciba speciality chemicals holding inc., Switzerland	Method for treating textile fibre materials or leather	D 06 P 5/06
84	00084/CHENP/2003 14/01/2003	PCT/GB01/02773 21/06/2001	No. 0015350.2 23/06/2000	Netherlands	Reckitt benckiser N.V., Netherlands	Multi - phase laundry tablets and methods for producing them	C 11 D 17/00
85	00085/CHENP/2003 14/01/2003	PCT/IB02/01719 16/05/2002	No. 01201873.5 17/05/2001	Netherlands	Koninklijke Philips electronics N.V., Netherlands	TV - receiver, image display apparatus, TV - System and method for displaying an image	H 04 N 5/44
86	00086/CHENP/2003 14/01/2003	PCT/IB02/01624 08/05/2002	No. 01201841.2 16/05/2001	Netherlands	Koninklijke Philips electronics N.V., Netherlands	Coding and decoding of partially a priori known information	H 03 M 13/13, G 11 B 20/18
87	00087/CHENP/2003 16/01/2003	PCT/DK01/00408 13/06/2001	Nos. PA200000957, 60/212, 532 19/06/2000, 20/06/2000	Denmark	H. Lundbeck, A/S, 9, Ottiliavej, DK - 2500, Valby - Copenhagen, Denmark	Indole derivatives useful for the treatment of CNS disorders	C 07 D 417/14, A 61 K 31/38
88	00088/CHENP/2003 16/01/2003	PCT/US01/22813 19/07/2001	No. 60/220, 107 21/07/2000	United States of America	Schering corporation & others, USA	Novel peptides as NS3 - Serine protease inhibitors of hepatitis C virus	C 07 D 209/02, 211/04
89	00089/CHENP/2003 16/01/2003	PCT/US01/22678 19/07/2001	No. 60/220, 018 21/07/2000	United States of America	Schering corporation & others, USA	Novel peptides as NS3 - Serine protease inhibitors of hepatitis C virus	C 07 K
90	00090/CHENP/2003 16/01/2003	PCT/EP01/06926 20/06/2001	No. 100 34 958.7 19/07/2000	Germany	Aloys woben, Germany	Rotor blade hub	F 03 D 1/06
91	00091/CHENP/2003 16/01/2003	PCT/CH01/00176 21/03/2001	No. 1453/00 24/07/2000		Brevitex etablisement pour l' exploitation de brevets textiles, Lithuania	Patterned scarf and method and weaving machine for producing it	A 41 D 23/00
92	00092/CHENP/2003 16/01/2003	PCT/EP02/05331 15/05/2002	No. 01112378.3 21/05/2001	Switzerland	SICPA Holding S.A., Switzerland	CV curing intaglio ink	C 09 D 11/10, B 41 M
93	00093/CHENP/2003 16/01/2003	PCT/EP01/08373 19/07/2001	No. 1439/00 21/07/2000	Switzerland	Syngenta participations AG, Switzerland	Process for preparing 4, 6 - dimethoxy - 2 - (Methylsulfonyl) - 1, 3 - pyrimidine	C 07 D 239/60, 405/12
94	00094/CHENP/2003 17/01/2003	PCT/IB01/01411 08/08/2001	No. 0019464.7 09/08/2000	British Virgin Islands	Clariant finance (BV1) limited, British Virgin Islands	Organic compounds	C 09 B 62/085, 62/51
95	00095/CHENP/2003 17/01/2003	PCT/CH01/00370 14/06/2001	Nos. 1251/00, 0312/01 23/06/2000, 22/02/2001	Switzerland	Ciba speciality chemicals holding inc., Switzerland	Method for preparing hydroxyphenyl carboxylic acid esters	C 07 C 67/03, 69/372
96	00096/CHENP/2003 17/01/2003	PCT/US01/19690 19/06/2001	Nos. 60/214, 137; 60/219, 913 26/06/2000, 21/07/2000	United States of America	University of florida research foundation, Inc., USA	Methods and compositions for simultaneous saccharification and fermentation	C 12 N 15/56, 15/74
97	00097/CHENP/2003 17/01/2003	PCT/JP01/06202 18/07/2001	Nos. 2000 - 220301, 2001 - 34460 21/07/2000, 09/02/2001	Japan	Taiyo kagaku co. Ltd., Japan	Compositions for regulating desire for smoking	A 61 K 31/198, A 61 P 25/34
98	00098/CHENP/2003 17/01/2003	PCT/EP01/08635 25/07/2001	No. 00202662.3 26/07/2000	Germany	Corus aluminium walzprodukte GmbH, Germany	Nickel - plated brazing sheet product	B 23 K 35/28, 35/02
99	00099/CHENP/2003 17/01/2003	PCT/IL01/00650 16/07/2001	No. 09/618, 465 18/07/2000	Israel	Tsafrir ben - ari, Israel	Toothbrush with longitudinal to lateral motion conversion	A 46 B 7/10, 9/04
100	00100/CHENP/2003 17/01/2003	PCT/EP01/08432 24/07/2000	No. 00115846.8 24/07/2000	Switzerland	F. Hoffmann - La Roche AG, Switzerland	4 - phenyl - pyridine derivatives as neurokinin - 1 receptor antagonists	C 07 D 521/00, 213/82

101	00101/CHENP/2003 17/01/2003	PCT/US01/21351 05/07/2001	No. 09/627, 257 28/07/2000	United States of America	M innovative properties company, USA	High durability circular polarizer for use with emissive displays	G 02 F
102	00102/CHENP/2003 17/01/2003	PCT/EP01/07086 22/06/2001	No. 00401799.2 23/06/2000	France	Bioproject, France	Formulation	A 61 K 31/223, 9/16
103	00103/CHENP/2003 17/01/2003	PCT/FR01/02447 26/07/2001	No. 00/10095 31/07/2000	France	Institut francais du petrole, France	Method for two - step hydrocracking of hydrocarbon feedstocks	C 10 G 65/12
104	00104/CHENP/2003 17/01/2003	PCT/EP01/07988 11/07/2001	No. 100 34 633.2 17/07/2000	Germany	SMS Demag AG, Germany	Device for receiving and onwardly transporting coil of rolled strip which are transported to said device from a strip rolling mill or a rolled strip storage unit	B 21 C 47/24
105	00105/CHENP/2003 17/01/2003	PCT/DK01/00407 13/06/2001	No. PA 2000 01018 29/06/2000	Denmark	H. Lundbeck A/S., Denmark	Indole derivatives useful for the treatment of CNS disorders	C 07 D 401/14, 413/14
106	00106/CHENP/2003 17/01/2003	PCT/NO01/00290 06/07/2001	No. 20003507 07/07/2000	Norway	Thin film electronics ASA, Norway	A method for performing write and read operations in a passive matrix memory, and apparatus for performing the method	G 11 C 11/22
107	00107/CHENP/2003 06/01/2003	PCT/EP01/08125 13/07/2001	No. 100 36 003.3 25/07/2000	Germany	Bayer cropscience GmbH, Germany	Herbicidal compositions	A 01 N 39/36
108	00108/CHENP/2003 06/01/2003	PCT/US01/21087 29/06/2001	Nos. 60/215, 446, 60/285, 424 30/06/2000, 20/04/2001	United States of America	Zymogenetics, Inc., USA	Interferon - like protein zcyto21	C 07 K 14/52
109	00109/CHENP/2003 06/01/2003	PCT/SE01/01651 19/07/2001	No. 0002754 - 0 21/07/2000	Sweden	Biovitrum AB, Sweden	New combination of serotonin agonist (5HT2) and antagonist (5HT6) as pharmaceutical formulation	C 07 C 311/51
110	00110/CHENP/2003 06/01/2003	PCT/US01/23842 27/07/2001	No. 60/221, 495 27/07/2000	United States of America	Children's hospital & research center at oakland, USA	Vaccine for broad spectrum protection against diseases caused by neisseria meningitidis	A 61 K
111	00111/CHENP/2003 06/01/2003	PCT/EP01/06603 12/06/2001	No. 09/613, 042 10/07/2000	United States of America	BASF corporation, USA	Treatment of polyamide with gas phase of acid, anhydride or amine	C 08 L 77/00
112	00112/CHENP/2003 06/01/2003	PCT/IB01/01576 20/07/2001	Nos. 60/219, 736, 60/275, 520 20/07/2000, 14/03/2001	Canada	Viraf S. Kapadia & others, Canada	System and method for transportation vehicle monitoring feedback and control	B 64 F 5/00, B 64 D 45/00
113	00113/CHENP/2003 06/01/2003	PCT/EP01/08111 13/07/2001	No. 100 36 184.6 24/07/2000	Germany	Bayer cropscience GmbH, Germany	Substituted sulfonylaminomethylbenzoic acid (derivatives) and their preparation	C 07 C 311/13
114	00114/CHENP/2003 06/01/2003	PCT/US01/22565 18/07/2001	No. 09/618, 180 18/07/2000	United States of America	Precision valve corporation, USA	Fast opening aerosol valve	B 65 D 83/00
115	00115/CHENP/2003 06/01/2003	PCT/DE02/01792 17/05/2002	No. 101 26 686.3 01/06/2001	Germany	Robert BOSCH GmbH, Germany	Fuel injection device having a pressure amplifier	F 02 M 57/02
116	00116/CHENP/2003 06/01/2003	PCT/US01/22755 17/07/2001	Nos. 09/741, 631, 60/219, 181 18/12/2000, 19/07/2000	United States of America	Qualcomm Incorporated, U.S.A.	Method and apparatus for reducing code phase search space	nil
117	00117/CHENP/2003 06/01/2003	PCT/AT01/00241 18/07/2001	No. A 1256/2000 19/07/2000	Austria	Peter zimner KEG, Austria	Apparatus for application of dye to a web	B 05 C 11/02
118	00118/CHENP/2003 06/01/2003	PCT/IL01/00670 20/07/2001	No. 09/620, 227 20/07/2000	Israel	M.G.V.S. Ltd., Israel	Artificial vascular graft, and methods for producing and using same	A 61 F
119	00119/CHENP/2003 21/01/2003	PCT/EP01/08212 17/07/2001	No. MI2000A001780 01/08/2000	Italy	Fabbrica italiana accumulatori motocarri montecchio - F.I.A.M.M.S.p.A., Italy	Electromechanical warning horn system	B60Q 5/00
120	00120/CHENP/2003 21/01/2003	PCT/JP01/06492 27/07/2001	No. 2000 - 231514 31/07/2000	Japan	Otsuka chemical co., ltd., Japan	Lepidocrocite potassium magnesium titanate, method for manufacturing the same and friction material	C 01 G 23/00

121	00121/CHENP/2003 21/01/2003	PCT/EP01/07131 22/06/2001	No. 100 30 632.2 29/06/2000	Germany	Basf Aktiengesellschaft, Germany	Aristic polyoxymethylene molding compounds	C 08 L 59/00
122	00122/CHENP/2003 21/01/2003	PCT/EP01/08115 13/07/2001	No. 0018314.5 27/07/2000	Great Britain	Ciba specialty chemicals water treatments limited, Great Britain	Processes of reducing contamination from cellulosic suspensions	D 21 C 9/08
123	00123/CHENP/2003 21/01/2003	PCT/US01/22239 16/07/2001	No. 09/621, 504 21/07/2000	United States of America	Transportation technology center, USA	Railway wheels resistant to martensite transformation	C 22 C 38/02
124	00124/CHENP/2003 21/01/2003	PCT/US01/22690 18/07/2001	Nos. 60/221, 262; 09/872, 184; 25/07/2000, 31/05/2001	United States of America	Perbit networks inc. USA	Incremental and continuous data compression	H 04 L
125	00125/CHENP/2003 21/01/2003	PCT/EP01/07482 29/07/2001	No. 100 30 975.5 30/06/2000	Germany	Basf Aktiengesellschaft, Germany	Method for producing 4- bromine - aniline derivatives	C 07 D 261/04
126	00126/CHENP/2003 21/01/2003	PCT/EP01/08293 18/07/2001	No. 60/221, 058 27/07/2000	Switzerland	F. Hoffmann - La Roche AG, Switzerland	3 - Indolyl - 4 - phenyl - 1H- pyrrole - 2,5 - dione derivatives as inhibitors of glycogen synthase kinase - 3 beta	C 07 D 405/14
127	00127/CHENP/2003 21/01/2003	PCT/JP01/08930 11/01/2001	No. 2000 - 344954 13/11/2000	Japan	Dentsu inc. Japan	Advertisement time - frame transaction method and system	G 06 F 17/60
128	00128/CHENP/2003 21/01/2003	PCT/IB02/01772 17/05/2002	No. 01201925.3 22/05/2001	Netherlands	Koninklijke philips electronics N.V., Netherlands	Record carrier for storing a digital work	G 11 B 20/00
129	00129/CHENP/2003 22/01/2003	PCT/EP01/08311 18/07/2001	No. 100 35 991 24/07/2000	Luxembourg	Polichem S.A., Luxembourg	Nail varnish composition	A 61 K 7/043
130	00130/CHENP/2003 22/01/2003	PCT/EP01/07998 11/07/2001	No. 100 37 004.7 29/07/2000	Germany	SMS Demag AG, Germany	Device for receiving and transporting coils of rolled strip which have been transported to said device from a strip-rolling mill or a rolled strip storage unit	B 21 B 37/40
131	00131/CHENP/2003 22/01/2003	PCT/EP01/07814 07/07/2001	No. 100 33 268.4 10/07/2000	Germany	Innovatis AG, Germany	Method for the examination of cells in a culture medium	G 01 N 15/14
132	00132/CHENP/2003 22/01/2003	PCT/EP01/08283 17/07/2001	No. 00115850.0 24/07/2000	Switzerland	Societe Des Produits Nestle S A, Switzerland	Nutritional composition	A 23 L
133	00133/CHENP/2003 22/01/2003	PCT/EP01/07637 04/07/2001	No. 100 32 580.7 05/07/2000	Germany	Basf Aktiengesellschaft, Germany	Preparation of mixtures of diesters of phthalic acid with decanols and tridecanols	C 07 C 67/08
134	00134/CHENP/2003 22/01/2003	PCT/EP01/06465 07/06/2001	No. 60/221, 136 27/07/2000	Switzerland	Societe Des Produits Nestle S A, Switzerland	Food products containing high melting emulsifiers	A 23 G 1/00
135	00135/CHENP/2003 22/01/2003	PCT/EP01/08535 23/07/2001	No. 00202697.9 28/07/2000	Netherlands	Akzo Nobel N.V., The Netherlands	16Alpha-Methyl or ethyl substituted estrogens	C 07 J 1/00
136	00136/CHENP/2003 22/01/2003	PCT/EP01/08363 19/07/2001	No. 00116393.0 28/07/2000	Switzerland	F Hoffmann-La Roche AG, Switzerland	New Pharmaceutical composition	A 61 P 3/06
137	00137/CHENP/2003 22/01/2003	PCT/US01/23179 23/07/2001	No. 09/625,540 25/07/2000	United States of America	Pharmacia & Upjohn company, USA	Use of estramustine phosphate in the treatment of bone metastasis	A 61 K 31/17
138	00138/CHENP/2003 23/01/2003	PCT/US01/20721 29/06/2001	No. 60/216,659 & 60/275,621 07/07/2000 & 13/03/2001	United States of America	Trustees of Taft's College, USA and Paratek Pharmaceuticals, Inc., USA	9-Substituted minocycline compounds	C 07 C 237/00
139	00139/CHENP/2003 23/01/2003	PCT/IB01/01664 24/07/2001	No. 0018119.8 24/07/2000	Finland	Nokia Corporation, Finland	Flow control	H 04 L 29/06
140	00140/CHENP/2003 23/01/2003	PCT/JP01/06363 24/07/2001	No. 2000-230209 31/07/2000	Japan	Dainippon Pharmaceutical Co. Ltd., Japan	Dementia remedies containing 2-Aryl-8- Oxodihydropurine derivatives as the active ingredient	C 07 D 473/00
141	00141/CHENP/2003 23/01/2003	PCT/IB01/01296 19/07/2001	No. PA 200001253 24/08/2000	Denmark	F.L. Smidth A/S, Denmark	Method and plant for manufacturing cement clinker	F 27 B 7/20
142	00142/CHENP/2003 23/01/2003	PCT/US01/23722 26/07/2001	No. 09/628,584 31/07/2000	United States of America	Candescent Intellectual Property Service, Inc., USA and Sony Corporation, Japan	Sealing of flat-panel device	G 02 F
143	00143/CHENP/2003 23/01/2003	PCT/EP01/08824 30/07/2001	No. 0018891.2 01/08/2000	Switzerland	Novartis AG, Switzerland	Somatostatin analogues	C 07 K 14/655



144	00144/CHENP/2003 23/01/2003	PCT/US01/20716 29/06/2001	No. 60/216,580 07/07/2000	United States of America	Trustees of Tufts College, USA and Paratek Pharmaceuticals, Inc., USA.	13-substituted methacycline compounds	C 07 C 237/00
145	00145/CHENP/2003 23/01/2003	PCT/US01/23736 27/07/2001	No. 60/221,104 & 60/227,211 27/07/2000 & 23/08/2000	United States of America	Shofner Engineering Associates, Inc., USA.	System and method for marketing cotton.	G 06 F 17/60
146	00146/CHENP/2003 23/01/2003	PCT/US01/15481 14/05/2001	No. 09/630,765 02/08/2000	United States of America	Michigan State University, USA.	Process and intermediate compounds for the preparation of pyrrolidines	C 07 D 207/00
147	00147/CHENP/2003 23/01/2003	PCT/EP02/01793 19/02/2002	No. 01200609.4 21/02/2001	Netherlands	Solvay Pharmaceuticals B.V., The Netherlands.	New phenylpiperazines.	C 07 D 413/12
148	00148/CHENP/2003 24/01/2003	PCT/JP01/05498 27/06/2001	No. 2000 - 195919 29/06/2000	Japan	Daiichi pharmaceutical co., Ltd., Japan	DDS compound and method for preparation thereof	C 08 B 37/02
149	00149/CHENP/2003 24/01/2003	PCT/US01/11905 12/04/2001	No. 09/617, 691 17/07/2000	United States of America	Oakwood energy management inc., USA	Method for making a modular energy - absorbing assembly	B 29 C 45/00
150	00150/CHENP/2003 24/01/2003	PCT/ES01/00252 25/06/2001	No. P 200001661 27/06/2000	Spain	Laboratorios S.A.L.V.A.T.S.A., Spain	Carbamates derived from arylalkylamines	C 07 D 453/02
151	00151/CHENP/2003 24/01/2003	PCT/US01/22343 17/07/2001	No. 60/221, 057 27/07/2000	United States of America	BEA Systems inc., USA	System and method for concentration and load - balancing of requests	G 06 F 9/44
152	00152/CHENP/2003 24/01/2003	PCT/DE02/01801 18/05/2002	No. 101 26 685.5 01/06/2001	Germany	Robert Bosch GmbH, Germany	Fuel injection device with pressure intensifier	F 02 M 47/02
153	00153/CHENP/2003 24/01/2003	PCT/CH01/00474 02/08/2001	No. 00810706.2 07/08/2000	Switzerland	Inventio AG, Switzerland	Monitoring device for an elevator	B 66B 13/22
154	00154/CHENP/2003 24/01/2003	PCT/GB01/03313 24/07/2001	Nos. 0018051.3, 0023024.3 24/07/2000, 20/09/2000	United Kingdom	Clinical designs limited, United Kingdom	Dispenser, over - centre application	A 61 M 15/00
155	00155/CHENP/2003 24/01/2003	PCT/EP01/08076 12/07/2001	No. 00116729.5 03/08/2000	Switzerland	Societe des produits nestle S.A., Switzerland	Use of essential oils for combating GI tract infection by helicobacter - like organisms	C 11 B 9/00
156	00156/CHENP/2003 24/01/2003	PCT/JP01/05024 13/06/2001	No. 2000 - 239171 04/07/2000	Japan	Furukawa, Japan	Image forming method	B 41 M 5/00
157	00157/CHENP/2003 27/01/2003	PCT/EP01/12683 02/11/2001	100 54 422.3-26 03/11/2000	Germany	Zimmer AG & Others, Germany	Method for the spinning and winding of polyester filaments, polyester filaments obtained by the spinning method, draw texturing of the polyester filaments and bulked polyester filaments obtained by draw texturing	D 01 F 6/62
158	00158/CHENP/2003 27/01/2003	PCT/EP01/12684 02/11/2001	100 54 422.3 03/11/2000	Germany	Zimmer Ag of Borsigallee 1, 60338, Frankfurt am Main, Germany & ANOTHER	Method for the spinning and winding of polyester filaments using a spinning additive, polyester filaments obtained by the spinning method, draw texturing of the polyester filaments and bulked polyester filaments obtained by draw texturing	D 01 F 6/92
159	00159/CHENP/2003 27/01/2003	PCT/TB01/01008 11/06/2001	2000/3417 07/07/2000	South Africa	CSIR, of Scientia, Meiring Naude Road, Pretaria 0184, South Africa	Process for preparing (-) menthol and similar compounds	C 07 B 57/00
160	00160/CHENP/2003 27/01/2003	PCT/JP01/05899 06/07/2001	2000-206968 07/07/2000	Japan	EISA1 CO., LTD., 6-10, Koishikawa 4-chome, Buukyo-ku, Tokyo 112-8088, Japan	Fungal Cell wall synthesis gene	C 12 N 15/09; C 07 K 14/37
161	00161/CHENP/2003 27/01/2003	PCT/EP01/07350 27/06/2001	200 10 933.2 27/06/2000	Germany	Weh Erwin and Weh Wolfgang of Siemensstrasse 5, 89257 Illertissen, Germany	Filter part for fluid pipes	B 01 D 29/48
162	00162/CHENP/2003 27/01/2003	PCT/US01/20766 29/06/2001	60/216,760 & 60/275,576 07/07/2000 & 13/03/2001	United States of America	Trustees of Tufts College, USA and Paratek Pharmaceuticals, Inc., USA.	7-Substituted Tetracycline Compounds	C 07 C 237/00

163	00163/CHENP/2003 27/01/2003	PCT/EP01/08359 19/07/2001	100 36 752.6 & 100 36 753.4 28/07/2000 & 28/07/2000	Germany	Henkel Kommanditgesellschaft Auf Aktien., Germany	Novel amylolytic enzyme extracted from bacillus SP.A 7-7 (DSM 12368) and washing and cleaning agents containing this novel amylolytic enzyme	C12N 9/00
164	00164/CHENP/2003 27/01/2003	PCT/EP01/07639 04/07/2001	100 32 396.0 06/07/2000	Germany	BASF Aktiengesellschaft, Germany	Preparation of bicyclic 1,3- diketones	C07C 45/42
165	00165/CHENP/2003 27/01/2003	PCT/EP00/07779 10/08/2000	nil nil	Finland	Nokia Corporation, Finland.	Roaming support method and systems in umts	H04Q 7/38
166	00166/CHENP/2003 28/01/2003	PCT/EP01/09068 06/08/2001	No.09/633,753 07/08/2000	Switzerland	Novartis AG, Switzerland.	Process for preparing discodermolide and analogues	C07D 309/30
167	00167/CHENP/2003 28/01/2003	PCT/EP01/08876 01/08/2001	No.100 39 477.9 08/08/2000	Germany	Bayer cropscience GmbH, Germany	Heterocyclalkylazole derivatives and their use as pesticides	C07D 413/14
168	00168/CHENP/2003 28/01/2003	PCT/FR01/02417 24/07/2001	No.00/10437 08/08/2000	France	Aventis Pharma S.A., France.	Modified yeasts and uses, in particular for the production of steroidal derivatives	C12P 33/06
169	00169/CHENP/2003 28/01/2003	PCT/DE01/02747 20/07/2001	No. 10038990.2 10/08/2000	Germany	Robert BOSCH GmbH, Germany	Method and device for regulating an operating variable of a drive unit	F02D 41/14
170	00170/CHENP/2003 28/01/2003	PCT/EP02/05041 08/03/2002	No. 10127134.4 05/06/2001	Germany	ROHM GmbH & Co. KG, Germany	Process for producing mouldings from (meth)acrylat	B29C 45/00
171	00171/CHENP/2003 28/01/2003	PCT/EP01/08686 27/07/2001	No. 00117003.4 08/08/2000	Switzerland	F Hoffmann-La Roche AG, Switzerland.	4-Phenyl-Pyridine derivatives.	C07D 213/74
172	00172/CHENP/2003 28/01/2003	PCT/JP01/06057 12/07/2001	No. 2000-236563 04/08/2000	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan.	Resilient bush and method of pressure-insertion of	F16F 1/371
173	00173/CHENP/2003 28/01/2003	PCT/EP01/09009 03/08/2001	No. 100 38 851.5 04/08/2000	Germany	Max Bogl Bauunternehmung GmbH & Co. KG, Germany.	Method for production of a connector point on a travel way	E01B 25/00
174	00174/CHENP/2003 29/01/2003	PCT/US01/21471 06/07/2001	No. 60/216,114 06/07/2000	United States of America	Corvis Corporation, USA.	Optical transmission systems including optical amp	H04B 10/17
175	00175/CHENP/2003 29/01/2003	PCT/US01/24923 07/08/2001	No. 09/633,835 07/08/2000	United States of America	3M Innovative properties company, USA	Antisoiling hardcoat.	H01J 29/89
176	00176/CHENP/2003 29/01/2003	PCT/US01/24726 07/08/2001	No. 09/633,835 07/08/2000	United States of America	3M innovative properties company, USA	Information display protectors.	H01J 29/89
177	00177/CHENP/2003 29/01/2003	PCT/EP01/07944 10/07/2001	No. 100 33 544.6 11/07/2000	Germany	BASF Aktiengesellschaft, Germany	Continuous preparation of polyamides from aminonitriles	C08G 69/00
178	00178/CHENP/2003 29/01/2003	PCT/EP01/08238 17/07/2001	No. 100 35 075.5 17/07/2000	Germany	BASF Aktiengesellschaft, Germany	Preparation of 4- Thioalkylbromobenzene- derivatives	C07C 251/40
179	00179/CHENP/2003 29/01/2003	PCT/NL01/00584 30/07/2001	No. 1015856 02/08/2000	Netherlands	Uniprox B.V. The Netherlands.	Method of preparing a compound concentrate and processing such a concentrate	A01N 59/00
180	00180/CHENP/2003 29/01/2003	PCT/GB01/03106 11/07/2001	No. 0017291.6 14/07/2000	United States of America	Reckitt Benckiser Inc., USA.	Carpet cleaners.	C11D 3/43
181	00181/CHENP/2003 29/01/2003	PCT/US01/21770 10/07/2001	No. 60/217,001 10/07/2000	United States of America	The University of Mississippi, USA.	Potent immunostimulants from microalgae.	A61K 31/715
182	00182/CHENP/2003 30/01/2003	PCT/DE01/02643 11/07/2001	No. 100 34 540.9 14/07/2000	Germany	Temco textilmaschinenkomponenten GmbH, Germany.	Method and device for continuously treating synthetic fibers in a heat exchange chamber	D02J 13/00
183	00183/CHENP/2003 30/01/2003	PCT/EP01/09562 20/08/2001	No. 00810754.2 24/08/2000	Switzerland	Givaudan SA, Switzerland.	Composition having insect repellent characteristics	A01N 37/18
184	00184/CHENP/2003 30/01/2003	PCT/EP01/07945 10/07/2001	No. 100 33 518.7 11/07/2000	Germany	BASF Aktiengesellschaft, Germany.	Separation of ammonia.	C07C 231/00
185	00185/CHENP/2003 30/01/2003	PCT/DK01/00551 21/08/2001	PA 2000 01232 21/08/2000	Denmark	Novozymes A/S, Denmark.	Subtilase enzymes.	C12N



186	00186/CHENP/2003 30/01/2003	PCT/JP01/07769 07/09/2001	No. 2000-280451 14/09/2000	Japan	Ajinomoto Co., Inc., Japan.	Composition for enhancing or improving the flavor of foods or drinks and method of enhancing or improving the flavor of foods or drinks by using the same	A23L I/22
187	00187/CHENP/2003 30/01/2003	PCT/US01/28764 30/07/2001	No. 09/630,425 01/08/2000	Finland	Nokia Corporation, Finland.	Techniques for performing UMTS (Universal Mobile Telecommunications System) authentication using SIP (Session Initiation Protocol) messages	H04Q 7/00
188	00188/CHENP/2003 30/01/2003	PCT/EP01/04689 25/04/2001	No. 100 37 922.2 03/08/2000	Germany	Zimmer Aktiengesellschaft, Germany.	Method and device for extruding a continuous moulded body hyperactivity disorder	D01D 5/06
189	00189/CHENP/2003 31/01/2003	PCT/JP01/07763 07/09/2001	No. 2001-171342 06/06/2001	Japan	Taiyo Kagaku Co., Ltd., Japan.	Compositions for ameliorating attention-deficient/hyperactivity disorder.	A61K 31/198
190	00190/CHENP/2003 31/01/2003	PCT/FR01/02578 08/08/2001	No. 00/10434 08/08/2000	France	ALM Parce de Limere, France.	Operating table, designed in particular for surgical operation	A61B 6/04
191	00191/CHENP/2003 31/01/2003	PCT/US01/41361 13/07/2001	No. 60/219,353 14/07/2000	Netherlands	Irdeto Access B.V., Netherlands.	Secure packet based data broadcasting architecture	H04L 9/00
192	00192/CHENP/2003 31/01/2003	PCT/GB01/01498 20/08/2001	No. 0020379.4 21/08/2000	British Virgin Islands	Clariant finance (BVI) limited, British Virgin Islands	Enzyme compositions in tablet form.	C11D 11/00
193	00193/CHENP/2003 31/01/2003	PCT/US01/24539 01/08/2001	No. 09/633,383 07/08/2000	United States of America	Dana Corporation, USA.	Steer Axle Assembly	B62D
194	00194/CHENP/2003 31/01/2003	PCT/DE01/02637 14/07/2001	No. 100 38 091.3 04/08/2000	Germany	Robert BOSCH GmbH, Germany	Solenoid valve, in particular for a skid regulated hydraulic vehicle brake system	B60T 8/36
195	00195/CHENP/2003 31/01/2003	PCT/DE02/01081 23/03/2002	No. 101 22 503.2 10/05/2001	Germany	Robert BOSCH GmbH, Germany	Valve comprising radial recesses.	F02M 61/18
196	00196/CHENP/2003 31/01/2003	PCT/EP01/04688 25/04/2001	No. 100 37 923.0 03/08/2000	Germany	Zimmer Aktiengesellschaft, Germany.	Method and apparatus for producing continuously molded bodies	D01D 5/06
197	00197/CHENP/2003 31/01/2003	PCT/IB02/01872 27/05/2002	No. 01202089.7 01/06/2001	Netherlands	Koninklijke Philips Electronics N.V., Netherlands.	Multi-stack optical data storage medium and use of such a medium	G11B 7/24
198	00198/CHENP/2003 31/01/2003	PCT/IB02/01922 27/05/2002	No. 01202108.5 01/06/2001	Netherlands	Koninklijke Philips Electronics N.V., Netherlands.	Rewritable optical data storage medium and use of such a medium	G11B 7/24

## National Phase Application filed under PCT Chapter I/II for the month of March to 26th April, 2002.

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
01	IN/PCT/2002/00261/DEL Dt: 01/03/2002	PCT/AU00/01226 Dt: 09/10/2000	PQ 3338 DT: 08-10-1999 & PQ 4054 DT: 15-11-1999, AU	Australia	Khoun, Anthony & Rodgers, William	VEHICLE MOUNTED PLASTICS DRUM FOR CONCRETE MIXING AND METHODS OF MANUFACTURE THEREOF
02	IN/PCT/2002/00262/DEL Dt: 01/03/2002	PCT/EP01/08067 Dt: 12/07/2001	100 34 976.5 DT: 13-07-2000, DE	Germany	IRIS-GMBH INFRARED & INTELLIGENT SENSORS	DETECTION DEVICE
03	IN/PCT/2002/00263/DEL Dt: 01/03/2002	PCT/KR00/01016 Dt: 06/09/2000	1999-37652 DT: 06-09-1999 & 2000-4278 28-01-2000, KR	Republic of Korea	LG CHEM INVESTMENT LTD., KR	PROCESS FOR PREPARING A 1-SUBSTITUTED 5-HYDROXYMETHYL IMIDAZOLE
04	IN/PCT/2002/00264/DEL Dt: 01/03/2002	PCT/EP99/06439 Dt: 02/02/1999	PCT/EP99/06439 Dt: 02/02/1999	Great Britain	Kunz, Dr. Martin, G.B.	BAMBOO MATCH.
05	IN/PCT/2002/00265/DEL Dt: 01/03/2002	PCT/US00/24006 Dt: 31/08/2000	60/151,961 DT: 01-09-1999, US	United States of America	Intel Corporation, US	BRANCH INSTRUCTION FOR PROCESSOR
06	IN/PCT/2002/00266/DEL Dt: 01/03/2002	PCT/GB00/03358 Dt: 01/09/2000	9920919.9 DT: 03-09-1999, GB	Great Britain	SB PHARMCO PUERTO RICO INC., PUERTO RICO	INTERMEDIATES FOR THE PRODUCTION OF QUINOLONE CARBOXYLIC ACID DERIVATIVES
07	IN/PCT/2002/00267/DEL Dt: 01/03/2002	PCT/GB00/03366 Dt: 01/09/2000	9920917.3 DT: 03-09-1999, GB	Great Britain	SB PHARMCO PUERTO RICO INC. & LG CHEM INVESTMENT LTD., KR	PROCESS FOR PRODUCTION OF NAPHTHYRIDINE-3-CARBOXYLIC ACID DERIVATIVES
08	IN/PCT/2002/00268/DEL Dt: 01/03/2002	PCT/US00/25202 Dt: 14/09/2000	09/395,696 DT: 14-09-1999, US	United States of America	Eveready Battery Company Inc., US	CURRENT COLLECTOR AND SEAL ASSEMBLY FOR ELECTROCHEMICAL CELL
09	IN/PCT/2002/00269/DEL Dt: 01/03/2002	PCT/US00/19566 Dt: 04/08/2000	09/369,067 DT: 05-08-1999, US	United States of America	U.S. AQUASONICS CORPORATION, US	METHOD AND APPARATUS FOR ECONOMICAL SOLID-LIQUID SEPARATION IN WATER-BASED SOLUTIONS
10	IN/PCT/2002/00270/DEL Dt: 04/03/2002	PCT/GB00/03355 Dt: 01/09/2000	9920950.4 DT: 06-09-1999, GB	United Kingdom	Ineos Fluor Holdings Limited, UK	APPARATUS AND METHOD FOR REDUCING RESIDUAL LEVELS
11	IN/PCT/2002/00271/DEL Dt: 04/03/2002	PCT/GB00/03319 Dt: 31/08/2000	9920949.6 dt: 06-09-1999, GB	United Kingdom	ineos Fluor Holdings Limited, UK	APPARATUS AND METHOD FOR REMOVING SOLVENT RESIDUES
12	IN/PCT/2002/00272/DEL Dt: 04/03/2002	PCT/AU00/01133 Dt: 18/09/2000	PQ 2911 DT: 17-09-1999, AU	United States of America	CASTRIP, LLC, US	STRIP CASTING
13	IN/PCT/2002/00273/DEL Dt: 05/03/2002	PCT/GB00/03387 Dt: 04/09/2000	9920947.0 DT: 06-09-1999, GB	United Kingdom	Ineos Fluor Holdings Limited, UK	A METHOD AND APPARATUS FOR RECOVERING A SOLVENT
14	IN/PCT/2002/00274/DEL Dt: 05/03/2002	PCT/GB00/03389 Dt: 04/09/2000	9920948.8 DT: 06-09-1999, GB	United Kingdom	Ineos Fluor Holdings Limited, UK	APPARATUS AND METHOD FOR REMOVING SOLVENT RESIDUES
15	IN/PCT/2002/00275/DEL Dt: 05/03/2002	PCT/GB00/03345 Dt: 01/09/2000	9920943.9 DT: 06-09-1999, GB	United Kingdom	Ineos Fluor Holdings Limited, UK	APPARATUS AND METHODS FOR REMOVING SOLVENT RESIDUES

16	IN/PCT/2002/00276/DEL	PCT/GB00/03341	9920946.2 DT : 06-09-1999, GB	United Kingdom	Ineos Fluor Holdings Limited, UK	APPARATUS AND METHOD FOR EXTRACTING BIOMASS
	Dt : 05/03/2002	Dt : 01/09/2000				
17	IN/PCT/2002/00277/DEL	PCT/GB00/03390	9920945.4 DT : 06-09-1999, GB	United Kingdom	Ineos Fluor Holdings Limited, UK	APPARATUS AND METHOD FOR EXTRACTING BIOMASS
	Dt : 05/03/2002	Dt : 04/09/2000				
18	IN/PCT/2002/00278/DEL	PCT/GB00/03351	9920951.2 DT : 06-09-1999, GB	United Kingdom	Ineos Fluor Holdings Limited, UK	APPARATUS AND METHOD FOR CONDENSING SOLVENT
	Dt : 05/03/2002	Dt : 01/09/2000				
19	IN/PCT/2002/00279/DEL	PCT/US01/15566	09/626,708 DT : 26-07-2000, US	United States of America	ASE Americas, Inc.	LASER CUTTING OF SEMICONDUCTOR MATERIALS
	Dt : 05/03/2002	Dt : 14/05/2001				
20	IN/PCT/2002/00280/DEL	PCT/US00/25180	09/396,693 DT : 15-09-1999, US	United States of America	ACTV INC.	ENHANCED VIDEO PROGRAMMING SYSTEM AND METHOD FOR PROVIDING A DISTRIBUTED COMMUNITY NETWORK
	Dt : 05/03/2002	Dt : 14/09/2000				
21	IN/PCT/2002/00281/DEL	PCT/CH00/00484	99810810.4 dt. 9/9/1999 EP	EP	KBA-GIORI S.A. Switzerland.	CONTINUOUS INKJET PRINTER ARRANGEMENT.
	Dt : 06/03/2002	Dt : 08/09/2000				
22	IN/PCT/2002/00282/DEL	PCT/CH00/00483	99810809.6 dt. 9/9/1999 EP	EP	KBA-GIORI S.A. Switzerland.	INKJET PRINTING DEVICE FOR INKS CONTAINING A HIGH LOADING OF PIGMENT AND INKJET PRINTING PROCESS UTILIZING SAID DEVICE.
	Dt : 06/03/2002	Dt : 08/09/2000				
23	IN/PCT/2002/00283/DEL	PCT/FR00/02486	99/11355 dt. 10/9/1999 France.	France	Centre national D'etudes Spatiales, France.	A DEVICE FOR ACQUIRING STEREOSCOPIC IMAGES
	Dt : 07/03/2002	Dt : 08/09/2000				
24	IN/PCT/2002/00284/DEL	PCT/US00/24924	09/398,849 dt. 17/9/1999 US.	United States of America	The procter & Gamble Company, USA.	LOW STRESS RELAXATION ELASTOMERIC MATERIALS
	Dt : 08/03/2002	Dt : 12/09/2000				
25	IN/PCT/2002/00285/DEL	PCT/US00/26967	09/410,300 dt. 30/9/1999 USA.	United States of America	Eveready Battery Company Inc., USA.	ELECTROCHEMICAL CELL HAVING ULTRATHIN SEPARATORS AND METHODS OF MAKING THE SAME.
	Dt : 08/03/2002	Dt : 29/09/2000				
26	IN/PCT/2002/00286/DEL	PCT/GB00/04055	9924836.1 dt. 20/10/1999 Great Britain.	Netherlands	Ferring BV, Netherlands.	BICYCLIC VASOPRESSIN AGONISTS.
	Dt : 08/03/2002	Dt : 20/10/2000				
27	IN/PCT/2002/00287/DEL	PCT/AU00/0349	PQ 2757 dt. 10/9/1999 Australia.	Australia	Women's And Children's Hospital, and other Australia.	RECOMBINANT MICROORGANISMS EXPRESSING AN OLIGOSACCHARIDE RECEPTOR MIMIC.
	Dt : 08/03/2002	Dt : 09/09/2000				
28	IN/PCT/2002/00288/DEL	PCT/GB00/02908	09/371,284 dt. 10/8/1999 USA.	United States of America	Glenn Springs Holdings, Inc., USA.	RECOVERY OF ELEMENTAL PHOSPHORUS FROM PHOSPHORUS SLUDGE.
	Dt : 08/03/2002	Dt : 27/07/2000				
29	IN/PCT/2002/00289/DEL	PCT/JP00/05925	11-253389 dt. 7/9/1999 Japan.	Japan	Tokyo R & D Co., Ltd., Japan.	ELECTRIC DEVICE WITH TIMER MEANS.
	Dt : 08/03/2002	Dt : 31/08/2000				
30	IN/PCT/2002/00290/DEL	PCT/JP00/05926	11-253432 dt. 7/9/1999 Japan.	Japan	Tokyo R & D Co., Ltd., Japan.	ELECTRIC VEHICLE.
	Dt : 08/03/2002	Dt : 31/08/2000				

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Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	IN/PCT/2002/00291/DEL Dt : 11/03/2002	PCT/US00/24523 Dt : 07/09/2000	60/153,579 & 09/476,974 DT.13/9/1999 & 31/12/1999.	United States of America	NOBEX CORPORATION, USA.	TAXANE PRODRUGS.	
2	IN/PCT/2002/00292/DEL Dt : 11/03/2002	PCT/US00/24520 Dt : 07/09/2000	60/153,649 & 09/474,915 DT.13/9/1999 & 31/12/1999.	United States of America	NOBEX CORPORATION, USA.	AMPHIPHILIC PRODRUGS.	
3	IN/PCT/2002/00293/DEL Dt : 11/03/2002	PCT/GB99/02643 Dt : 11/08/1999	PCT/GB99/02643 - DT. 11/8/1999		HENNARA INVESTMENTS LIMITED, VIRGIN ISLAND.	GAS STORAGE ON AN ADSORBENT WITH EXPOLIATED LAMINAE.	
4	IN/PCT/2002/00294/DEL Dt : 11/03/2002	PCT/US00/21490 Dt : 07/08/2000	09/391,113 DT. 7/9/1999 US	United States of America	SPEEDFAM-IPEC CORPORATION, USA.	CLEAN ROOM AND METHOD.	
5	IN/PCT/2002/00295/DEL Dt : 13/03/2002	PCT/US00/25421 Dt : 15/09/2000	09/397,889 dt. 17/9/1999 & 09/507,417 dt. 18/2/2000 US.	United States of America	The procter & Gamble Company, USA.	Radiation crosslinked elastomeric materials.	
6	IN/PCT/2002/00296/DEL Dt : 13/03/2002	PCT/US00/25789 Dt : 20/09/2000	09/407,950 dt. 28/9/1999 US	United States of America	The procter & Gamble Company, USA.	Article having a transferable breathable skin care composition thereon.	

7	IN/PCT/2002/00297/DEL	PCT/GB00/03575	99203056.9 dt. 17/9/1999 EPO	Netherlands	Nederlandse Organisatie voor toegepastnatuurwetenschappelijk onderzoek TNO, The Netherlands.	Oral recombinant lactobacilli vaccines.
	Dt : 13/03/2002		Dt : 18/09/2000			
8	IN/PCT/2002/00298/DEL	PCT/GB00/03587	9922472.7 dt. 22/9/1999 GB	Great Britain	Southern Water Services Limited, Great Britain.	Separator for liquid suspension.
	Dt : 13/03/2002		Dt : 19/09/2000			
9	IN/PCT/2002/00299/DEL	PCT/US00/26519	09/407,393 dt. 28/9/1999 USA.	United States of America	Colgate-Palmolive Company, USA.	multilayered liquid composition.
	Dt : 14/03/2002		Dt : 27/09/2000			
10	IN/PCT/2002/00300/DEL	PCT/FR00/02541	99/11679 dt. 17/9/1999 France.	France	Aventis Pharma S.A.France.	Piperidine quinolyl propyl derivatives, preparation method and compositions containing same.
	Dt : 14/03/2002		Dt : 14/09/2000			
11	IN/PCT/2002/00301/DEL	PCT/US00/25477	09/396,991 dt. 15/9/1999 USA.	United States of America	ILIFE SYSTEMS, INC., USA.	Systems for evaluating movement of a body and methods of operating the same.
	Dt : 15/03/2002		Dt : 15/09/2000			
12	IN/PCT/2002/00302/DEL	PCT/GB00/03532	99 11852 dt. 17/9/1999 France	France	BP Chemical Limited, England.	Process and apparatus for polymerisation catalyst development.
	Dt : 15/03/2002		Dt : 14/09/2000			

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00303/DEL Dt: 18/03/2002	PCT/SE00/01406 Dt: 03/07/2000	09/397,959 dt. 17/9/1999 USA.	Sweden	Intertex Data AB, Sweden.	System and apparatus for telecommunication.
2	IN/PCT/2002/00304/DEL Dt: 18/03/2002	PCT/EP00/08619 Dt: 13/09/2000	199 45 351.9 dt. 22/9/1999 Germany.	Germany	LTS Lohmann Therapie-Systeme AG, Germany.	Method and device for detecting and isolating pharmacological compounds being contained in substance mixtures.
3	IN/PCT/2002/00305/DEL Dt: 18/03/2002	PCT/JP01/00104 Dt: 12/01/2001	2000-13184 dt. 21/1/2000 Japan.	Japan	Dream Technologies Corporation, Japan.	Control apparatus and control method for starting application software on a computer, and multi-monitor computer, client-server system, and storage medium using the same.
4	IN/PCT/2002/00306/DEL Dt: 18/03/2002	PCT/US00/25533 Dt: 18/09/2000	09/399,637 and 09/649,627 dt. 20/9/1999 and 28/8/2000 USA	United States of America	W.R. Grace & Co.-Conn., USA.	Gasoline sulfur reduction in fluid catalytic cracking.
5	IN/PCT/2002/00307/DEL Dt: 18/03/2002	PCT/US00/24788 Dt: 08/09/2000	09/392,928 DT. 9/9/1999 US	United States of America	Aegis Analytical Corporation, USA.	System of analyzing and improving pharmaceutical and other capital-intensive manufacturing processes.
6	IN/PCT/2002/00308/DEL Dt: 18/03/2002	PCT/FR00/02739 Dt: 03/10/2000	99/12389 dt. 5/10/1999 France.	France	Ceca S.A. France.	Zeolite adsorbents, process for producing them and their use for the decarbonation of gas flows.
7	IN/PCT/2002/00309/DEL Dt: 18/03/2002	PCT/US00/23030 Dt: 23/08/2000	60/149,896 dt. 23/8/1999 USA.	United States of America	ST. Ville, James, A., USA.	Manufacturing system and method.
8	IN/PCT/2002/00310/DEL Dt: 18/03/2002	PCT/US00/27016 Dt: 29/09/2000	99870204.7 dt. 1/10/1999 EP	United States of America	The Procter & Gamble Company, USA.	A smart dosing dispenser.

9	IN/PCT/2002/00311/DEL	PCT/US00/27378	09/416,283 dt. 12/10/1999 USA.	United States of America	Textile Enhancements International Inc., USA.	Multi-Vane method for hydroenhancing fabrics.
	Dt: 18/03/2002	Dt: 04/10/2000				
10	IN/PCT/2002/00312/DEL	PCT/KR01/00547	2000-49495 dt. 25/8/2000 Korea.	Republic of Korea	LG Cable Ltd., Korea.	Optical fiber for wavelength division multiplexing optical transmission system using densely spaced optical channels.
	Dt: 19/03/2002	Dt: 31/03/2001				
11	IN/PCT/2002/00313/DEL	PCT/AU00/01200	09/409,024 dt. 29/9/1999 USA.	Australia	Gregory, Peter George Gordon, Australia.	Chair.
	Dt: 19/03/2002	Dt: 29/09/2000				
12	IN/PCT/2002/00314/DEL	PCT/US01/24022	09/829,244 dt. 31/7/2000 USA.	United States of America	General Electric Company, USA.	Methods and apparatus for transfer switch.
	Dt: 19/03/2002	Dt: 31/07/2001				
13	IN/PCT/2002/00315/DEL	PCT/US99/22843	PCT/US99/22843 DT. 1/10/1999	United States of America	The Procter & Gamble Company, USA.	Absorbent article having barrier sheet against the migration of the skin care composition.
	Dt: 21/03/2002	Dt: 01/10/1999				
14	IN/PCT/2002/00316/DEL	PCT/US00/26155	60/155,004 dt. 21/9/1999 USA.	United States of America	Smartforce, USA.	Event based system for use within the creation and implementation of educational simulations.
	Dt: 21/03/2002	Dt: 21/09/2000				
15	IN/PCT/2002/00317/DEL	PCT/US00/26888	09/409,305 dt. 29/9/1999 USA	United States of America	ACTV INC. USA	Enhanced video programming system and method utilizing user-profile information.
	Dt: 21/03/2002	Dt: 29/09/2000				
16	IN/PCT/2002/00318/DEL	PCT/GB00/03796	9923428.8 dt. 4/10/1999 Great Britain.	Great Britain	Thomas Swan & Co., Ltd., Great Britain.	Optical Switch.
	Dt: 21/03/2002	Dt: 04/10/2000				
17	IN/PCT/2002/00319/DEL	PCT/US00/26211	09/401,435 and 60/203, 852 dt. 22/9/1999 and 13/5/2000 USA.	United States of America	Microcoating Technologies, Inc., USA.	Liquid atomization methods and devices.
	Dt: 22/03/2002	Dt: 21/09/2000				
18	IN/PCT/2002/00320/DEL	PCT/GB00/03569	9922553.4 dt. 23/9/1999 UK.	United Kingdom	BP Oil International Limited, UK.	Fuel compositions.
	Dt: 22/03/2002	Dt: 15/09/2000				
19	IN/PCT/2002/00321/DEL	PCT/GB00/03619	9922469.3 dt. 22/9/1999 UK.	United States of America	Cadence Design Systems, Inc., USA.	Radio transmitter architecture comprising a PII and a delta-sigma modulator.
	Dt: 22/03/2002	Dt: 21/09/2000				



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|----|-----------------------|-----------------|--|--------------------------------|---|--|
| 20 | IN/PCT/2002/00322/DEL | PCT/KR00/01138  | PCT/KR00/01138<br>DT. 12/10/2000                                 | Republic<br>of Korea           | LG Chem<br>Investment<br>Ltd., Korea.   | Herbicidally active<br>pyridine sulfonyl<br>urea derivatives.  |
|    | Dt : 22/03/2002       | Dt : 12/10/2000 |  |                                |   |  |
| 21 | IN/PCT/2002/00323/DEL | PCT/EP00/09081  | 199 48 822.2 dt.<br>30/9/1999<br>Germany.                        | Germany                        | LTS Lohmann<br>Therapie-<br>Systeme AG,<br>Germany.                                     | Preparation<br>containing active<br>ingredients and/or<br>auxiliary agents<br>with a controlled<br>release of these<br>substances and<br>the use and<br>production of the<br>same. |
|    | Dt : 22/03/2002       | Dt : 16/09/2000 |  |                                |   |  |
| 22 | IN/PCT/2002/00324/DEL | PCT/US00/28952  | 60/157,464 dt.<br>1/10/1999 &<br>60/211,078 dt.<br>13/8/2000 USA | United<br>States of<br>America | DMI<br>BioSciences,<br>Inc. formerly<br>known as<br>Diagnostic<br>Markers, Inc.<br>USA. | Metal-Binding<br>compounds and<br>uses therefor.   |
|    | Dt : 22/03/2002       | Dt : 29/09/1999 |  |                                |   |  |
| 23 | IN/PCT/2002/00325/DEL | PCT/EP00/09971  | 19948946.7 dt.<br>11/10/1999<br>Germany.                         | Germany                        | Wittur Ag.,<br>Germany.   | Lift with a car<br>attached to a<br>support.   |
|    | Dt : 22/03/2002       | Dt : 10/10/2000 |  |                                |   |  |

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00326/DEL Dt: 26/03/2002	PCT/US00/14274 Dt: 26/08/2000	08/150,862 dt. 26/8/1999 US	United States of America	Vijay Mathur, USA	Multi phase calcium silicate hydrates, methods for their preparation, and improved paper And pigment Products produced therewith.
2	IN/PCT/2002/00327/DEL Dt: 26/03/2002	PCT/AU00/01180 Dt: 25/09/2000	PO 3077, dated 24/9/1999, PO 3334, dt: 11/10/99, Australia	Australia	Ritemp Pty. Ltd., Australia.	Improvements Relating to cooling Of molds.
3	IN/PCT/2002/00328/DEL Dt: 26/03/2002	PCT/GB00/03844 Dt: 06/10/2000	9923573.1 dt. 6/10/1999 & 9926735.3 dt. 11/11/1999 GB	Great Britain	Thermetic Developments Limited, Great Britain.	Self-Heating or self-cooling containers.
4	IN/PCT/2002/00329/DEL Dt: 26/03/2002	PCT/JP00/07103 Dt: 13/10/2000	11/290,774 dt. 13/10/1999 & 11/326,116 dt. 16/11/1999 Japan.	Japan	UBE Industries Ltd., Japan.	Process for Preparation of 3,4-Methylenedioxy mandelic acid.
5	IN/PCT/2002/00330/DEL Dt: 26/03/2002	PCT/US00/29353 Dt: 25/10/2000	09/426,357 dt. 25/10/1999 USA.	United States of America	International Fuel Cells LLC, USA.	Direct antifreeze Cooled fuel cell Power plant.
6	IN/PCT/2002/00331/DEL Dt: 27/03/2002	PCT/JP01/06610 Dt: 31/07/2001	2000-233750 dt. 1/8/2000 Japan.	Japan	Kokuyo Co., Ltd., Japan.	System and Method for project management.
7	IN/PCT/2002/00332/DEL Dt: 27/03/2002	PCT/NL00/00705 Dt: 02/10/2000	1013192 dt. 1/10/1999 The Netherlands.	Netherlands	Holland Rorpropeller B.V. Netherlands.	Waterjet propulsion unit.
8	IN/PCT/2002/00333/DEL Dt: 27/03/2002	IN/PCT/2002/00322/DEL Dt: 22/03/2002	IN/PCT/2002/00322/DEL DT. 22/3/2002.	Republic of Korea	LG Chem Investment Ltd., Korea.	A process for preparation of a Pyridine sulfonyl Urea derivative.
9	IN/PCT/2002/00334/DEL Dt: 27/03/2002	PCT/JP00/06804 Dt: 29/09/2000	11/275947 dt. 29/9/1999 Japan.	Japan	Teljin Limited, Japan.	A novel polypeptide and gene encoding the same.
10	IN/PCT/2002/00335/DEL Dt: 27/03/2002	PCT/CN00/00087 Dt: 12/04/2000	99119726.7 dt. 29/9/1999 China.	China	Fu, Junchang, China.	New use of Modafinil and its D/L Enantiomers.
11	IN/PCT/2002/00336/DEL Dt: 28/03/2002	PCT/US00/29826 Dt: 27/10/2000	09/428004, 09/431,756 and 09/629,332 dt. 27/10/99, 1/11/99 and 1/8/2000	United States of America	Alcoa Inc., US.	Cermet inert anode for use in the electrolytic production of Metals.
12	IN/PCT/2002/00337/DEL Dt: 28/03/2002	PCT/EP00/09584 Dt: 29/09/2000	199 47 010.3 dt. 30/9/99.	Germany	Universitätsklinikum Freiburg, Germany.	The gena prv-1 and its use.
13	IN/PCT/2002/00338/DEL Dt: 28/03/2002	PCT/US00/28194 Dt: 12/10/2000	60/159,320 dt. 14/10/1999 US.	United States of America	The Procter & Gamble Company, USA.	Beta disubstituted metalloprotease inhibitors.
14	IN/PCT/2002/00339/DEL Dt: 28/03/2002	PCT/US00/27068 Dt: 02/10/2000	60,157,168 dt. 30/9/1999 US.	United States of America	United States Postal Service, US.	Systems and Methods for authenticating An electronic Message
15	IN/PCT/2002/00340/DEL Dt: 28/03/2002	PCT/US00/23527 Dt: 29/08/2000	09/409,059 dt. 30/9/1999 US.	United States of America	Drugtech Corporation, USA.	Formulation for menopausal Women.

16	IN/PCT/2002/00341/DEL	PCT/KR00/01170	1999-45040 dt. 18/10/1999 Korea.	Republic of Korea	Samusung Fine Chemicals Co., Ltd., and other Korea.	Preparing method Of chiral ester.
	Dt : 28/03/2002	Dt : 18/10/2000				
17	IN/PCT/2002/00342/DEL	PCT/KR00/01171	1999-45041 dt. 18/10/1999 Korea.	Republic of Korea	Samusung Fine Chemicals Co., Ltd., and other Korea.	Method for Preparing chiral Ester.
	Dt : 28/03/2002	Dt : 18/10/2000				
18	IN/PCT/2002/00343/DEL	PCT/KR00/01169	1999-54472 dt. 02/12/1999 Korea.	Republic of Korea	Samusung Fine Chemicals Co., Ltd., and other Korea.	Method for Preparing chiral Ester.
	Dt : 28/03/2002	Dt : 18/10/2000				
19	IN/PCT/2002/00344/DEL	PCT/US00/24122	60/151,975 dt. 1/9/1999 & 09/431,451 dt. 2/11/1999 USA.	United States of America	Genome Technologies LLC, USA.	Method for Amplifying signal-flanking sequences from unknown genomic DNA.
	Dt : 01/04/2002	Dt : 01/09/2000				
20	IN/PCT/2002/00345/DEL	PCT/AU00/01134	PQ 3189 dt. 1/10/1999 Australia.	Netherlands	Minerva Holdings NV., Netherlands.	Method and Apparatus for price setting.
	Dt : 01/04/2002	Dt : 18/09/2000				
21	IN/PCT/2002/00346/DEL	PCT/KR00/01100	1999/43128, 1999/44827, 1999/45450, 1999/53187 & 2000/28775 dt. 2/10/1999, 14/10/1999, 15/10/1999/26/11/1999 & 23/5/2000 Korea.	Republic of Korea	Samsung Electronics Co., Ltd., Korea.	Apparatus and Method for gating Data on a control channel in a GPRS communication System.
	Dt : 01/04/2002	Dt : 02/10/2000				
22	IN/PCT/2002/00347/DEL	PCT/EP00/10058	99120351.4, 00105592.0, 00107028.3 & 00110110.4 dt. 12/1999, 16/3/2000, 31/3/2000 & 10/5/2000 Europe.	Germany	Connex Gesellschaft zur optimierung von forschung und entwicklung mbH, Germany.	Improved method For detecting acid resistant Microorganisms in the stool.
	Dt : 01/04/2002	Dt : 12/10/2000				
23	IN/PCT/2002/00348/DEL	PCT/EP00/10057	99120351.4, 00105592.0, 00107028.3 & 00110110.4 dt. 12/10/1999, 16/3/2000, 31/3/2000 & 10/5/2000 Europe.	Germany	Connex Gesellschaft zur optimierung von forschung und entwicklung mbH, Germany.	Immuno-chromatographic Rapid assay in Order to detect Acid-resistant microorganisms in the stool.
	Dt : 01/04/2002	Dt : 12/10/2000				
24	IN/PCT/2002/00349/DEL	PCT/GB00/03968	9924379.2 dt. 15/10/1999 GB	Great Britain	Thermotic Developments limited, Great Britain.	Self-heating or self-cooling containers.
	Dt : 01/04/2002	Dt : 16/10/2000				
25	IN/PCT/2002/00350/DEL	PCT/JP01/06684	2000-237235 dt. 4/8/2000, 2001-20851 dt. 29/1/2001 & 2001-147954 dt. 17/5/2001 Japan.	Japan	Babcock-hitachi Kabushiki Kaisha, Japan.	Solid fuel burner And method of combustion Using solid fuel Burner.
	Dt : 02/04/2002	Dt : 03/08/2001				
26	IN/PCT/2002/00351/DEL	PCT/HU00/00106	P 990 3634 dt. 18/10/1999 Hungary.	Hungary	Egis Gyogyszergyar RT., Hungary.	Process for the preparation of amorphous Atorvastatin Calcium.
	Dt : 02/04/2002	Dt : 17/10/2000				
27	IN/PCT/2002/00352/DEL	PCT/JP00/06923	11/284522, 60/164,153, 2000/151130 dt. 5/10/1999, 8/11/1999 & 23/5/2000 Japan, USA, and Japan.	Japan	Showa Denko K.K. Japan.	Catalyst for use in producing acetic Acid, process for producing the Catalyst, and Process for Producing acetic Acid using the Catalyst.
	Dt : 03/04/2002	Dt : 04/10/2000				
28	IN/PCT/2002/00353/DEL	PCT/US00/28923	09,421,131, 09/420,646, 09/421,084, 09/421,179, 09/458,750 & 09/643,903 dt. 19/10/1999, 19-10-1999, 19-10-1999, 19-10-1999, 10/12/1999 & 21/8/2000 USA.	United States of America	The procter & Gamble Company, USA.	Antiviral Compositions for Tissue paper.
	Dt : 03/04/2002	Dt : 19/10/2000				

29	IN/PCT/2002/00354/DEL	PCT/US00/28919	09/420,646, 09/421,084, 09/421,131, 09/421,179, 09/458,750, 80/214,340 & 09/843,903 dt. 19/10/1999, 19-10-1999, 19-10-1999, 19-10-1999, 10/12/1999, 27/6/2000 & 21/8/2000 USA	United States of America	The procter & Gamble Company, USA.	Tissue products containing antiviral agents which are Mild to the skin.
	Dt : 03/04/2002	Dt : 19/10/2000				
30	IN/PCT/2002/00355/DEL	PCT/FI00/00870	19992301 dt. 25/10/1999	FI	Janhunen, Timo, Tapani Leankuja	Z-engine
	Dt : 04/04/2002	Dt : 10/10/2000				
31	IN/PCT/2002/00356/DEL	PCT/US00/28491	60/159,176 & 60/191,702 dt. 13/10/1999 & 23/3/2000 USA.	United States of America	Signature BioScience inc., USA.	System and Method for Detecting and Identifying Molecular events in a test sample.
	Dt : 04/04/2002	Dt : 13/10/2000				
32	IN/PCT/2002/00357/DEL	PCT/GB00/03472	9921229.2 dt. 8/9/1999 UK.	Norway	Med-Eq AS, Norway	Composition Comprising an Alpha-amylase inhibitor and at Least one Physiologically acceptable Compound capable of reducing intestinal absorption of fast sugars.
	Dt : 05/04/2002	Dt : 08/09/2000				
33	IN/PCT/2002/00358/DEL	PCT/JP00/07443	11/301780, 2000-49627 & 60/192,880 dt. 25/10/99, 25/2/2000 & 29/3/2000 Japan & USA.	Japan	Showa Denko K.K. Japan.	Process for Producing esters.
	Dt : 05/04/2002	Dt : 24/10/2000				
34	IN/PCT/2002/00359/DEL	PCT/GB00/03874	9924484.0 dt. 15/10/1999 UK.	United Kingdom	Isis Innovation Limited, UK.	Method of altering polypeptide Aggregation.
	Dt : 05/04/2002	Dt : 16/10/2000				
35	IN/PCT/2002/00360/DEL	PCT/US00/27483	09/413,344 and number not yet known dt. 6/10/1999 & 28/9/2000 USA.	United States of America	KVG Technologies, Inc., USA.	Battery paste.
	Dt : 05/04/2002	Dt : 05/10/2000				
36	IN/PCT/2002/00361/DEL	PCT/US00/22893	09/392,018 dt. 8/9/1999 USA.	United States of America	Primex Holdings LLC, USA.,	Opening price Process for trading system.
	Dt : 05/04/2002	Dt : 18/08/2000				
37	IN/PCT/2002/00362/DEL	PCT/KR00/01117	1999-43513 dt. 6/10/1999 Korea.	Republic of Korea	Interconstec Co., Ltd., Korea.	Method for Designing and fabricating Multi-step tension prestressed girder.
	Dt : 05/04/2002	Dt : 07/10/2000				
38	IN/PCT/2002/00363/DEL	PCT/US00/27084	09/413,885 dt. 7/10/1999 US.	United States of America	Sulzer Chemtech USA, Inc., USA.	Vapor-liquid Contact apparatus.
	Dt : 05/04/2002	Dt : 02/10/2000				

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00364/DEL Dt : 08/04/2002	PCT/US00/27789 Dt : 06/10/2000	60/158,535 & 09/878,861 dt. 8/10/1999 & 2/10/2000 USA.	United States of America	Alliedsignal Inc., USA.	Separation of halogenated compounds.
2	IN/PCT/2002/00365/DEL Dt : 08/04/2002	PCT/US00/27547 Dt : 07/10/2000	60/158,088 dt. 7/10/1999 USA.	United States of America	Carlos Estuardo Aguilar-cordova, USA.	Methods for treatment of solid tumors and metastasts by gene therapy.
3	IN/PCT/2002/00366/DEL Dt : 08/04/2002	PCT/US00/27681 Dt : 06/10/2000	60/158,326 dt. 8/10/1999 US.	United States of America	The Research Foundation of State University of New York, USA.	Virtual Telemicroscope.
4	IN/PCT/2002/00367/DEL Dt : 08/04/2002	PCT/NO00/00328 Dt : 04/10/2000	19994989 dt. 14/10/1999 Norway.	Norway	Kotthaus, Hans, Norway.	Releasable fastening device.
5	IN/PCT/2002/00368/DEL Dt : 08/04/2002	PCT/US00/27812 Dt : 06/10/2000	09/415,385 dt. 8/10/1999 USA.	United States of America	Colgate-Palmolive Company, USA.	Toothbrush having a bristle pattern providing enhanced cleaning.
6	IN/PCT/2002/00369/DEL Dt : 08/04/2002	PCT/JP01/07229 Dt : 23/08/2001	2000-257963 dt. 28/8/2000 Japan.	Japan	Toshiba Engineering Corporation, and other Japan.	Method and apparatus for generating measurement data.
7	IN/PCT/2002/00370/DEL Dt : 08/04/2002	PCT/EP00/10499 Dt : 25/10/2000	99870225.2 & 60/169,288 dt. 27/10/1999 & 7/12/1999 EP & USA.	Belgium	Innogenetics N.V. Belgium,	Redox reversible HCV proteins with native-like conformation.
8	IN/PCT/2002/00371/DEL Dt : 09/04/2002	PCT/KR00/01144 Dt : 13/10/2000	1999-44322 dt. 13/10/1999 Korea.	Republic of Korea	Hanmi Pharm.Co., Ltd., Korea.	Process for preparing 7-amino-3-methoxymethyl-3-cephem-4-carboxylic acid.
9	IN/PCT/2002/00372/DEL Dt : 09/04/2002	PCT/US00/41257 Dt : 17/10/2000	09/425,830 dt. 22/10/1999 USA.	United States of America	Bentley Nevada Corporation, USA.	A digital eddy current proximity system: apparatus and method.
10	IN/PCT/2002/00373/DEL Dt : 09/04/2002	PCT/KR00/01133 Dt : 10/10/2000	1999/43860, 1999/52478 & 1999/52492 dt. 11/10/1999, 24/11/1999 & 24/11/1999, KR	Republic of Korea	Back, Kyoung-Whan and other Korea.	Process for increasing crop yield or biomass using protoporphyrinogen oxidase gene.

11	IN/PCT/2002/00374/DEL	PCT/GR00/00026	990100309 dt. 17/9/1999 Greece.	Greece	Myron Tsagarakis, Greece.	System for suspending a longline at the desired depth and for marking a sea zone.
	Dt : 09/04/2002	Dt : 14/09/2000				
12	IN/PCT/2002/00375/DEL	PCT/US00/28342	09/425,664 dt. 22/10/1999 USA.	United States of America	CRS Holdings Inc., USA.	Machinable High Strength Stainless Steel.
	Dt : 09/04/2002	Dt : 13/10/2000				
13	IN/PCT/2002/00376/DEL	PCT/JP00/06924	11/284521 & 60/162,897 dt. 5/10/1999 & 01/11/1999 Japan & USA.	Japan	Showa Denko K.K. Japan.	Process for producing mixed gas of lower olefin and lower aliphatic carboxylic acid, and process for producing lower aliphatic ester using the mixed gas.
	Dt : 10/04/2002	Dt : 04/10/2000				
14	IN/PCT/2002/00377/DEL	PCT/AU00/01243	PQ 3416 dt. 14/10/1999 Australia.	Australia	Labtech Essa Pty.Ltd., Australia.	Grinding Head.
	Dt : 10/04/2002	Dt : 13/10/2000				
15	IN/PCT/2002/00378/DEL	PCT/GB00/03588	99307405.3 DT. 17/9/1999 EPO	United Kingdom	Reneuron limited and other UK.	Conditional immortalisation of cells.
	Dt : 10/04/2002	Dt : 18/09/2000				
16	IN/PCT/2002/00379/DEL	PCT/GB00/04103	9925210.8 dt. 25/10/1999 UK.	United Kingdom	Reneuron Limited, UK.	Identification of cells for transplantation.
	Dt : 10/04/2002	Dt : 24/10/2000				
17	IN/PCT/2002/00380/DEL	PCT/US00/41769	60/164,090 dt. 5/11/1999 US.	United States of America	Amfit, Inc., USA.	Method and apparatus for measuring foot geometry.
	Dt : 10/04/2002	Dt : 02/11/2000				
18	IN/PCT/2002/00381/DEL	PCT/KR00/01189	2000-80467 & 1999- 45871 dt. 13/10/2000 & 21/10/1999 Korea.	Republic of Korea	Dongbu Hannong Chemical Co.Ltd., Korea.	Benzopyranyl guanidine derivatives, process for preparation thereof and pharmaceutical compositions containing them.
	Dt : 10/04/2002	Dt : 20/10/2000				
19	IN/PCT/2002/00382/DEL	PCT/KR00/01189	2000-60467 & 1999- 45871 dt. 13/10/2000 & 21/10/1999 Korea.	Republic of Korea	Dongbu Hannong Chemical Co.Ltd., Korea.	Benzopyranyl guanidine derivatives, process for preparation thereof and pharmaceutical compositions containing them.
	Dt : 10/04/2002	Dt : 20/10/2000				

20	IN/PCT/2002/00383/DEL	PCT/IB00/01663	09/428,481 & 09/543,073 dt. 25/10/1999 & 5/4/2000 US.	Indonesia	P.T.Indorama Synthetics, Indonesia.	Low acetaldehyde compositions.
	Dt : 11/04/2002	Dt : 24/10/2000				
21	IN/PCT/2002/00384/DEL	PCT/FR00/02862	99 13156 dt. 15/10/1999 France.	France	Spine Next, France.	Intervertebral implant.
	Dt : 11/04/2002	Dt : 13/10/2000				
22	IN/PCT/2002/00385/DEL	PCT/US00/28494	60/159,802 dt. 15/10/1999 USA.	United States of America	Dekalb Genetics Corporation USA.	Methods and systems for plant performance analysis.
	Dt : 11/04/2002	Dt : 14/10/2000				
23	IN/PCT/2002/00386/DEL	PCT/US00/25004	60/153,680 dt. 14/9/1999 USA.	United States of America	Smithkline Beecham Corporation, USA.	Container closure system.
	Dt : 12/04/2002	Dt : 13/09/2000				
24	IN/PCT/2002/00387/DEL	PCT/US00/29827	09/428,004, 09/431,756 and 09/542,320 dt. 27/10/1999, 1/11/1999 & 4/4/2000 USA.	United States of America	Alcoa inc.,US.	Inert anode containing oxides of nickel, iron and cobalt useful for the electrolytic production of metals.
	Dt : 12/04/2002	Dt : 27/10/2000				



## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00388/DEL Dt : 15/04/2002	PCT/JP01/07231 Dt : 23/08/2001	2000-255064 dt. 25/8/2000 Japan.	Japan	Matsushita Electric Industrial Co.Ltd., Japan.	Digital interface device.
2	IN/PCT/2002/00389/DEL Dt : 16/04/2002	PCT/US/00/29465 Dt : 26/10/2000	60/161,448 dt. 26/10/1999 USA.	United States of America	International Aids Vaccine Initiative, USA.	Invasive bacterial vectors for expressing alphavirus Replicons.
3	IN/PCT/2002/00390/DEL Dt : 17/04/2002	PCT/ZA00/00173 Dt : 18/09/2000	99/5981 dt. 17/9/1999 SA.	South Africa	Rhodes University, and other, SA.	Novel micro-organisms, their use and method for producing D-amino acids.
4	IN/PCT/2002/00391/DEL Dt : 17/04/2002	PCT/FR00/02932 Dt : 20/10/2000	99.13463 DT : 22-10-1999, FR	France	Durand, Philippe, FR	Reinforcement for concrete Wall
5	IN/PCT/2002/00392/DEL Dt : 17/04/2002	PCT/US00/29238 Dt : 23-10-2000	9925479.9 DT: 28-10-1999, GB	United States of America	The Procter & Gamble Company, USA.	Detergent compositions and methods for Cleaning
6	IN/PCT/2002/00393/DEL Dt : 17/04/2002	PCT/US00/29294 Dt : 23/10/2000	9925481.5 DT : 28-10-1999, GB	United States of America	The Procter & Gamble Company, USA.	Detergent compositions
7	IN/PCT/2002/00394/DEL Dt : 17/04/2002	PCT/US99/28917 Dt : 18/10/2000	60/162,082 DT: 28-10-1999, US	United States of America	The Procter & Gamble Company, USA.	Washing methods utilizing an effervescent Product added prior to agitation
8	IN/PCT/2002/00395/DEL Dt : 17/04/2002	PCT/US99/25394 Dt : 29/10/1999	PCT/US99/25394 DT : 29-10-99, US	United States of America	The Procter & Gamble Company, USA.	Mimic cellulose binding domain
9	IN/PCT/2002/00396/DEL Dt : 17/04/2002	PCT/US99/29295 Dt : 23/10/2000	9925472.4 dt : 28-10-1999, GB	United States of America	The Procter & Gamble Company, USA.	Detergent compositions
10	IN/PCT/2002/00397/DEL Dt : 17/04/2002	PCT/US99/26580 Dt : 09/11/1999	PCT/US99/26580 DT : 09-11-99, US	United States of America	The Procter & Gamble Company, USA.	Detergent compositions comprising a Fragrant Reaction Product
11	IN/PCT/2002/00398/DEL Dt : 17/04/2002	PCT/US00/30644 Dt : 07/11/2000	60/164,491 DT : 09-11-1999, US	United States of America	The Procter & Gamble Company, USA.	Laundry Detergent compositions comprising hydrophobically modified Polyamines

12	IN/PCT/2002/00399/DEL Dt : 17/04/2002	PCT/US00/30645 Dt : 07/11/2000	60/164,283 DT : 09-11-1999, US	United States of America	The Procter & Gamble Company, USA.	Laundry detergent compositions comprising zwitterionic polyamines.
13	IN/PCT/2002/00400/DEL Dt : 17/04/2002	PCT/US00/30526 Dt : 03/11/2000	60/165,275 DT : 12-11-1999, US	United States of America	The Procter & Gamble Company, USA.	Detergent composition.
14	IN/PCT/2002/00401/DEL Dt : 17/04/2002	PCT/JP00/07078 Dt : 12/10/2000	11-300279 DT : 21-10-1999, JP	Japan	TOKYO R&D CO., LTD, JP	Electric vehicle And method for managing the Same
15	IN/PCT/2002/00402/DEL Dt : 17/04/2002	PCT/GB00/04230 Dt : 03/11/2000	09/433,907 DT: 04-11-1999, US	United States of America	OXY VINYL, LP, US	Method for producing peroxydicarb- Onates and their use in The radical polymerization Of monomers
16	IN/PCT/2002/00403/DEL Dt : 17/04/2002	PCT/CA00/01209 Dt : 18/10/2000	60/160,341 DT : 19-10-1999, USSN	Canada	KAIN, KEVIN,C., CA	Products and Methods for activating Pray-rxr and Up-regulating monocyte/ macrophage Cd36 for the treatment of malaria
17	IN/PCT/2002/00404/DEL Dt : 17/04/2002	PCT/IB00/01577 Dt : 30/08/2001	60/230,151 and 09/731,388 dt.5/9/2000 & 30/11/2000 US.	United States of America	International Business Machine Corporation, USA.	Business privacy in the electronic marketplace.
18	IN/PCT/2002/00405/DEL Dt : 18/04/2002	PCT/US99/24520 Dt : 19/10/1999	PCT/US99/24520 DT.19/10/1999 US.	United States of America	THERMAL DYNAMICS, INC. USA.	Quick acting chemical Sterilant.
19	IN/PCT/2002/00406/DEL Dt : 18/04/2002	PCT/EP00/10886 Dt : 26/10/2000	99402668.0 AND 60/166,260 DT. 26/10/1999 AND 1/3/2000 EP.	France	Aventis Pharma S.A.France.	Nucleic acids of the human abc1 gene and their therapeutic and diagnostic application.
20	IN/PCT/2002/00407/DEL Dt : 18/04/2002	PCT/GB00/04146 Dt : 30/10/2000	9925747.9 & 0026180.0 DT. 1/11/1999 & 26/10/2000 GB.	Great Britain	LASERTHOR LIMITED, GB.	Rail cleaning method and apparatus.
21	IN/PCT/2002/00408/DEL Dt : 18/04/2002	PCT/US01/41785 Dt : 17/08/2001	09/642,471 DT.21/8/2000 US.	United States of America	Ki Seok KIM. US. and other.	Native language domain name registration and usage.
22	IN/PCT/2002/00409/DEL Dt : 19/04/2002	PCT/DE00/03527 Dt : 06/10/2000	199 48 289.6 & 100 27 631.8 dt. 6/10/1999 & 6/6/2000 Germany.	Israel	Goldemann, Raul, Israel, & Frydlin, Ofer, Germany, Eckardt, Angela, Germany, Goldemann, Raul, Israel.	Breathing-controlled inhalation device for dry powder and method for the even distribution of said dry powder In the air.

23	IN/PCT/2002/00410/DEL Dt: 19/04/2002	PCT/JP00/07289 Dt: 19/10/2000	11/300619, 11/364479 & 11/364480 dt. 22/10/1999, 22/12/1999 and 22/12/1999 Japan.	Japan	Teijin Limited, Japan.	Process for separation and recovery of dimethyl terephthalate And ethylene glycol from polyester waste.
24	IN/PCT/2002/00411/DEL Dt: 19/04/2002	PCT/FR00/02897 Dt: 18/10/2000	99/13182 dt. 22/10/1999 France.	France	Aventis Pharma S.A.France.	Novel oligosac-charides, their Preparation and pharmaceutical compositions containing them.
25	IN/PCT/2002/00412/DEL Dt: 19/04/2002	PCT/GB00/03605 Dt: 20/09/2000	PA 1999 01329 dt. 20/9/1999 Denmark.	United Kingdom	Aberdeen University and other UK.	Monoclonal antibody 3f1h10 neutralising Vhsv (viral haemorrhagic septicaemia Virus).
26	IN/PCT/2002/00413/DEL Dt: 19/04/2002	PCT/US00/29537 Dt: 26/10/2000	09/438,069 dt. 10/9/1999 & 09/547,645 dt. 12/4/2000 USA	United States of America	General Electric company, USA.	Process for stabilization of dry cleaning solutions.
27	IN/PCT/2002/00414/DEL Dt: 19/04/2002	PCT/US00/29263 Dt: 23/10/2000	09/437,962 dt. 10/11/1999 USA.	United States of America	General Electric company, USA.	Process for removal of odors from silicones.

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00415/DEL Dt : 22/04/2002	PCT/US00/26049 Dt : 22/09/2000	09/425,575 dt. 22/10/1999 USA.	United States of America	Goldpace Enterprises, Inc., USA.	A folding assembly.
2	IN/PCT/2002/00416/DEL Dt : 22/04/2002	PCT/KR00/01168 Dt : 18/10/1999	P 1999-50263, P2000-37562, P 2000-37563, P2000-37564, P2000-37565, P2000-37566 & P2000-37570 dt. 12/11/1999, 1/7/2000, (all) Korea.	Republic of Korea	LG Electronics Inc., Korea.	Device and method for controlling supply of current and static capacitance to compressor.
3	IN/PCT/2002/00417/DEL Dt : 22/04/2002	PCT/AU00/01344 Dt : 02/11/2000	PQ 3850 dt. 3/11/1999 Australia.	United States of America	Castrip, LLC, USA.	Production of thin steel strip.
4	IN/PCT/2002/00418/DEL Dt : 22/04/2002	PCT/GB00/03915 Dt : 11/10/2000	9925213.2 dt. 25/10/1999 UK.	United Kingdom	Cambridge University Technical Services Limited, UK.	Magnetic logic elements.
5	IN/PCT/2002/00419/DEL Dt : 22/04/2002	PCT/US00/24521 Dt : 07/09/2000	09/405,359 dt. 24/9/1999 & 09/629,551 dt. 31/7/2000 USA.	United States of America	Jones, Michael Rawles, USA.	Computer network portal system and payment method for electronic commerce opportunities.
6	IN/PCT/2002/00420/DEL Dt : 23/04/2002	PCT/KR00/01163 Dt : 17-10-2000	P1999-50263, P2000-37562, 63,64, 65, 66, 67, 68, & 70 dt. 12/11/1999 & 1/7/2000 (all) Korea.	Republic of Korea	LG Electronics Inc., Korea.	Device and method for controlling supply of current and static capacitance to compressor.
7	IN/PCT/2002/00421/DEL Dt : 24/04/2002	PCT/US00/29269 Dt : 24/10/2000	09/427,379 dt. 25/10/1999 USA.	United States of America	Alliedsignal Inc., USA.	Process for manufacturing of brazed multi-channelled structures.
8	IN/PCT/2002/00422/DEL Dt : 24/04/2002	PCT/FR00/02998 Dt : 27/10/2000	99/13759 dt. 28/10/1999 France.	France	Rhodia Chimie, France.	Process for the production of alkylhalosilanes
9	IN/PCT/2002/00423/DEL Dt : 24/04/2002	PCT/CA00/01198 Dt : 12/10/2000	2286527 dt. 14/10/1999 Canada.	Canada	Erisalu, Enn, Canada.	Indexing System.

10	IN/PCT/2002/00424/DEL	PCT/US00/30274	09/434,523 dt. 5/11/1999 US.	United States of America	Donaldson Company Inc., USA.	Filter and filter element.
	Dt: 24/04/2002		Dt: 02/11/2000			
11	IN/PCT/2002/00425/DEL	PCT/CN99/00178	PCT/CN99/00178 - DT. 2/11/1999		Jiang, Zhaocheng, Taiwan.	Continuous spray dyeing apparatus or dyeing range for accelerated dyeing with opening and vibration means of airflow.
	Dt: 24/04/2002		Dt: 02/11/1999			
12	IN/PCT/2002/00426/DEL	PCT/US00/28840	09/429,445 dt. 23/10/1999 USA.	United States of America	Honeywell Inc., USA.	Supply current regulator for two-wire sensors.
	Dt: 26/04/2002		Dt: 19/10/2000			
13	IN/PCT/2002/00427/DEL	PCT/US00/29688	60/161,501 dt. 26/10/1999 & 09/697,811 dt. 26/10/2000 USA.	United States of America	Dennis A. Guritza, USA.	Bio-supportive matrices, methods of making and using the same.
	Dt: 26/04/2002		Dt: 20/10/2000			
14	IN/PCT/2002/00428/DEL	PCT/CA00/01106	09/407,707 & 09/615,851 dt. 28/9/1999 & 14/7/2000 USA.	Canada	Mladen Diklich, Canada.	Electroluminescent cell and analog to digital converter.
	Dt: 26/04/2002		Dt: 27/09/2000			
15	IN/PCT/2002/00429/DEL	PCT/US00/29382	60/161,488 dt. 26/10/1999 USA.	United States of America	Deltagen, Inc., USA.	Transgenic mice containing TRP gene disruptions.
	Dt: 26/04/2002		Dt: 26/10/2000			
16	IN/PCT/2002/00430/DEL	PCT/US00/30870	9926799.9 dt. 13/11/1999 GB	United States of America	The procter & Gamble Company, USA.	Detergent Compositions.
	Dt: 26/04/2002		Dt: 10-11-2000			
17	IN/PCT/2002/00431/DEL	PCT/AT01/00076	A 481/2000 dt. 22/3/2000 Austria.	Austria	Nowicky Wassyl, Austria.	Agent for treating hepatitis C.
	Dt: 26/04/2002		Dt: 20/03/2001			
18	IN/PCT/2002/00432/DEL	PCT/GB00/04155	09/431,548 & 0017223.9 dt. 29/10/1999 & 14/7/2000 USA & UK.	United Kingdom	antenova Limited, UK.	Steerable-Beam multiple-feed dielectric resonator antenna of various cross-sections.
	Dt: 26/04/2002		Dt: 30/10/2000			
19	IN/PCT/2002/00433/DEL	PCT/AU00/01313	PQ 3744 dt. 29/10/1999 Australia.	Australia	BUNCE Philips, Australia.	Chest Drainage Systems.
	Dt: 26/04/2002		Dt: 26/10/2000			

National Phase Application filed under PCT from 29.04.2002 to 19.07.2002.

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00434/DEL Dt : 29/04/2002	PCT/US00/26972 Dt : 29/09/2000	09/410,990 dt. 1/10/1999 US.	United States of America	Jeneil Biotech, Inc., US.	Soy milk compositions and methods of preparation.
2	IN/PCT/2002/00435/DEL Dt : 29/04/2002	PCT/US00/29825 Dt : 27/10/2000	09/431,756 dt. 1/11/1999 USA.	United States of America	Alcoa Inc., USA.	Electrolytic production of high purity aluminum using inert anodes.
3	IN/PCT/2002/00436/DEL Dt : 29/04/2002	PCT/EP00/09440 Dt : 27/09/2000	199 48 298.5 dt. 6/10/1999 Germany.	Germany	Volkswagen Aktiengesellschaft, Germany.	Direct injection internal combustion engine with Nox-reduced emissions.
4	IN/PCT/2002/00437/DEL Dt : 29/04/2002	PCT/US00/26551 Dt : 26/09/2000	PCT/US00/26551 DT. 26/9/2000	United States of America	Zila Inc., USA.	Method for early prediction of the onset of invasive cancer.
5	IN/PCT/2002/00438/DEL Dt : 29/04/2002	PCT/US00/29953 Dt : 30/10/2000	60/162,541 dt. 29/10/1999 USA.	Luxembourg	Euro-Celtiue S.A. Luxembourg.	Controlled release hydrocodone formulations.
6	IN/PCT/2002/00439/DEL Dt : 29/04/2002	PCT/US00/41670 Dt : 26/10/1999	60/161,546 dt. 26/10/1999 USA.	United States of America	Bio-Hydration Research Lab, Inc., USA.	Micro-cluster liquids and methods of making and using them.
7	IN/PCT/2002/00440/DEL Dt : 29/04/2002	PCT/AU00/01331 Dt : 30/10/2000	PQ 3753 dt. 29/10/1999 Australia-& PCT/AU00/00800 dt. 30/6/2000 Australia.	Australia	Live Link Australia Pty.ltd., Australia.	Improvements in flotation/fractionation system for treating liquids and in separation of liquids to be treated thereby.
8	IN/PCT/2002/00441/DEL Dt : 29/04/2002	PCT/US00/28250 Dt : 11/10/2000	60/159,123 dt. 12/10/1999 USA.	United States of America	Temple University of the Commonwealth system of higher education USA.	Method for protecting normal cells from cytotoxicity of chemotherapeutic agents.
9	IN/PCT/2002/00442/DEL Dt : 29/04/2002	PCT/GB00/04572 Dt : 30/11/2000	9928330.1 dt. 30/11/1999 GB	Netherlands	Ferring BV Netherlands.	Novel antidiabetic agents.
10	IN/PCT/2002/00443/DEL Dt : 30/04/2002	PCT/GB99/04489 Dt : 24/11/2000	9927950.7 dt. 27/11/1999 GB.	United Kingdom	Spinax Limited, UK.	Apparatus and method for forming materials.

11	IN/PCT/2002/00444/DEL	PCT/SE00/02262	9904176-6 dt. 18/11/1999 Sweden,	Sweden	AstraZeneca AB, Sweden.	New use and novel N-azabicyclo-amide derivatives.
	Dt : 30/04/2002	Dt : 16/11/2000				
12	IN/PCT/2002/00445/DEL	PCT/IB00/01710	131/99 dt. 5/12/1999 UAE.	United Arab Emirates	Moosa Eisa Al Amri, UAE.	Bank cheque system with cheques having magnetized strips and/or storage chips.
	Dt : 30/04/2002	Dt : 21/11/2000				
13	IN/PCT/2002/00446/DEL	PCT/FI00/01081	19992859 dt. 10/12/1999 Finland.	Finland	Unicrop Ltd., Finland.	A process for converting storage reserves of dicot seeds into compositions comprising one or more gene products.
	Dt : 30/04/2002	Dt : 08/12/2000				
14	IN/PCT/2002/00447/DEL	PCT/GB00/04410	09/448,380, 09/448,190, 09/448,197 & 09/547,280 dt. 23/11/1999 & 11/4/2000 USA.	United States of America	International Business Machine Corporation, U.S.A.	Method and system for controlling transmission of packets in computer networks.
	Dt : 30/04/2002	Dt : 21-11-2000				
15	IN/PCT/2002/00448/DEL	PCT/US01/27005	2000-271120 & 2000-339778 dt. 7/9/2000 & 8/11/2000 Japan.	United States of America	GE Medical systems global Technology company LLC (U.S.A.)	Ultrasonic Imaging system and display device.
	Dt : 30/04/2002	Dt : 30/08/2001				
16	IN/PCT/2002/00449/DEL	PCT/KR01/01492	2000/0052055 & 2001/0054005 dt. 4/9/2000 & 4/9/2001 Korea.	Republic of Korea	Kim, Hyo-Joon, korea.	Mimetic peptides for epitope of apolipoprotein B- 100, concatemer and modified peptides thereof, and the vaccine composition comprising the same.
	Dt : 01/05/2002	Dt : 04/09/2001				
17	IN/PCT/2002/00450/DEL	PCT/KR00/01311	1999-50768 & 2000-728 dt. 16/11/1999 & 7/1/2000 Korea.	Republic of Korea	Samsung Electronics Co. Ltd., Korea.	Power controlling apparatus and method in mobile communication system.
	Dt : 01/05/2002	Dt : 16/11/2000				
18	IN/PCT/2002/00451/DEL	PCT/KR01/01515	2000-53613 dt. 8/9/2000 Korea.	Republic of Korea	Viomed Limited, Korea.	High efficiency retroviral vector which contains genetically engineered cellular non-coding sequence harboring splicing acceptor.
	Dt : 01/05/2002	Dt : 08/09/2001				
19	IN/PCT/2002/00452/DEL	PCT/US00/42278	09/450,240 dt. 29/11/1999 USA.	United States of America	AGA Medical Corporation, USA.	Sizing catheter for measuring cardiovascular structures.
	Dt : 01/05/2002	Dt : 28/11/2000				



20	IN/PCT/2002/00453/DEL	PCT/KR00/00742	1999-49685 dt. 10/11/1999 Korea.	Republic of Korea	Korea Kumho Petrochemical Co., Ltd., Korea.	A method for aggregating fine- particle coal by -- using the styrene- butadiene latex.
	Dt : 01/05/2002	Dt : 10/07/2000				
21	IN/PCT/2002/00454/DEL	PCT/KR001/01349	1999-52371 dt. 24/11/1999 Korea.	Republic of Korea	Hanmi Pharm. Co., Ltd., Korea.	Method of preparing clarithromycin.
	Dt : 01/05/2002	Dt : 23/11/2000				
22	IN/PCT/2002/00455/DEL	PCT/KR00/01272	1999-49174 dt. 8/11/1999 Korea.	Republic of Korea	Hanmi Pharm. Co., Ltd., Korea.	Method of preparing highly pure cefepodoxime proxetil.
	Dt : 01/05/2002	Dt : 07/11/2000				
23	IN/PCT/2002/00456/DEL	PCT/JP00/04561	11-295043 dt. 18/10/1999 Japan.	Japan	Matsushita Electric Industrial Co.Ltd., Japan.	Mercury lamp, lamp unit, method for producing mercury lamp and electric lamp.
	Dt : 01/05/2002	Dt : 06/07/2000				
24	IN/PCT/2002/00457/DEL	PCT/CH99/00541	PCT/CH99/00541 dt. 16/11/1999	China	Swisscom mobile AG, Switzerland.	Product order method and system.
	Dt : 01/05/2002	Dt : 16/11/999				
25	IN/PCT/2002/00458/DEL	PCT/FR00/03311	99/15032 & 60/209,800 dt. 29/11/1999 & 7/6/2000, France & USA.	France	Aventis Pharma S.A. France.	Method for obtaining nucleic acids from- an environment sample, resulting nucleic acids and use in synthesis of novel compounds.
	Dt : 02/05/2002	Dt : 27/11/2000				
26	IN/PCT/2002/00459/DEL	PCT/AU00/01478	PQ 4362 dt. 1/12/1999, Australia.	United States of America	Castrip, LLC. USA.	Casting steel strip.
	Dt : 02/05/2002	Dt : 30/11/2000				
27	IN/PCT/2002/00460/DEL	PCT/AU00/01273	PQ 3632 dt. 25/10/1999, Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Method and system for advertising.
	Dt : 02/05/2002	Dt : 20/10/2000				
28	IN/PCT/2002/00461/DEL	PCT/AU00/01279	PQ 3632 dt. 25/10/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Method and system for the copying of documents.
	Dt : 02/05/2002	Dt : 20/10/2000				
29	IN/PCT/2002/00462/DEL	PCT/AU00/01282	PQ 3632 dt. 25/10/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Method and system for graphic design.
	Dt : 02/05/2002	Dt : 20/10/2000				
30	IN/PCT/2002/00463/DEL	PCT/AU00/01288	PQ 3632 dt. 25/10/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Method and system for route planning.
	Dt : 02/05/2002	Dt : 20/10/2000				
31	IN/PCT/2002/00464/DEL	PCT/AU00/01289	PQ 3632, PQ 4483 & PQ 4912 dt. 25/10/1999, 6/12/1999 & 24/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Category Buttons on Interactive paper.
	Dt : 02/05/2002	Dt : 20/10/2000				

32	IN/PCT/2002/00465/DEL	PCT/AU00/01274	PQ 3632, & PQ4912 dt. 25/10/1999, & 24/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Method and system for providing insurance services.
	Dt : 02/05/2002	Dt : 20/10/2000				
33	IN/PCT/2002/00466/DEL	PCT/US00/41562	09/428,375 dt. 28/10/1999 USA.	United States of America	Immunolytics Inc., USA.	A method and composition for treating prostate cancer.
	Dt : 02/05/2002	Dt : 25/10/2000				
34	IN/PCT/2002/00467/DEL	PCT/US00/41860	09/434,975,09/434,974 and 09/434,972 dt. 5/11/1999 USA.	United States of America	Tandem Medical Inc., USA.	Medication delivery apparatus and methods for intravenous infusions.
	Dt : 02/05/2002	Dt : 02/11/2000				
35	IN/PCT/2002/00468/DEL	PCT/US00/41489	09/434,973 dt. 5/11/1999 USA.	United States of America	Intel Corporation, USA.	Sleep state transitioning.
	Dt : 03/05/2002	Dt : 23/10/2000				

## IN/PCT APPLICATION DETAILS

SI No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00469/DEL Dt : 6/5/2002	PCT/FR00/03162 Dt : 13/11/2000	99/14269 dt. 15/11/1999 France.	France	ELF Antar France, France.	Process for continuous preparation of a stable water-fuel emulsion and apparatus for carrying it out.
2	IN/PCT/2002/00470/DEL Dt : 6/5/2002	PCT/GB00/03340 Dt : 30/8/2000	09/448,785 dt. 24/11/1999 USA.	United States of America	Occidental Chemical Corporation, USA.	Method of eliminating malodours from gases.
3	IN/PCT/2002/00471/DEL Dt : 6/5/2002	PCT/GB00/04331 Dt : 10/11/2000	09/443,589 dt. 19/11/1999 USA.	United States of America	Glenn Springs Holdings, Inc., USA.	Removal of meltable solids from mixtures with other solids.
4	IN/PCT/2002/00472/DEL Dt : 6/5/2002	PCT/US00/30792 Dt : 10/11/2000	09/439,058 dt. 12/11/1999 & other;s no. not known Dt: 10/11/2000 USA.	United States of America	Fibrogen Inc., USA.	Animal collagens and gelatins.
5	IN/PCT/2002/00473/DEL Dt : 6/5/2002	PCT/US00/30843 Dt : 10/11/2000	60/165,114 & 60/204,437 dt. 12/11/1999 & 15/5/2000 USA.	United States of America	Fibrogen Inc., USA.	Recombinant gelatin in vaccines.
6	IN/PCT/2002/00474/DEL Dt : 6/5/2002	PCT/US00/30791 Dt : 10/11/2000	60/165,114 & 60/204,437 dt. 12/11/1999 & 15/5/2000 USA.	United States of America	Fibrogen Inc., USA.	Recombinant gelatins.
7	IN/PCT/2002/00475/DEL Dt : 6/5/2002	PCT/US01/28864 Dt : 14/9/2001	09/672,486 dt. 29/9/2000 USA.	United States of America	General Electric Company, USA.	Apparatus and method for determining natural frequencies of brush seals.
8	IN/PCT/2002/00476/DEL Dt : 7/5/2002	PCT/US01/15681 Dt : 16/5/2001	09/572,649 dt. 17/5/2000 USA.	United States of America	AGA Medical Corporation, USA.	Alignment member for delivering a non-symmetric device with a predefined orientation.
9	IN/PCT/2002/00477/DEL Dt : 7/5/2002	PCT/US00/30978 Dt : 8/11/2000	60/164,252, 09/454,773 & 09/561,494 dt. 8/11/1999, 3/12/1999 & 28/4/2000 USA.	United States of America	Klein, Jeffrey, F. USA.	Forced coaxially ventilated two stroke power plant.

	IN/PCT/2002/00478/DEL	PCT/US00/42045	60/164,792 dt. 10/11/1999 US.	United States of America	Screenboard Technologies, Inc.,	Methods and systems for providing and displaying information on a keyboard.
	Dt : 7/5/2002	Dt : 10/11/2000				
11	IN/PCT/2002/00479/DEL	PCT/CH00/00529	2117/99 dt. 19/11/1999 Switzerland.	Swiss	KBA-Giori S.A. Switzerland.	Inking plate for rotary printing plate.
	Dt : 7/5/2002	Dt : 28/9/2000				
12	IN/PCT/2002/00480/DEL	PCT/US00/42223	PCT/US00/42223 DT: 17/11/2000	United States of America	Proton Energy systems Inc., USA.	High differential pressure electrochemical cell.
	Dt : 9/5/2002	Dt : 17/11/1999				
13	IN/PCT/2002/00481/DEL	PCT/ZA00/00189	99/5540 & 2000/00188 dt. 12/10/1999 & 18/1/2000 South Africa.	South Africa	Hydrozone (Proprietary) Limited, South Africa.	Sterilization of liquids using ultra-violet light.
	Dt : 9/5/2002	Dt : 12/10/2000				
14	IN/PCT/2002/00482/DEL	PCT/GB01/00023	0000079.4 dt. 5/1/2000 Great Britain.	Netherlands	Ferring BV, Netherlands.	Condensed azepines As vasopressin Agonists.
	Dt : 9/5/2002	Dt : 4/1/2001				
15	IN/PCT/2002/00483/DEL	PCT/US00/42000	60/164,286 dt. 8/11/1999 USA.	United States of America	Biomune, USA.	Vaccines for mycoplasma Bovis and methods of use.
	Dt : 9/5/2002	Dt : 8/11/2000				
16	IN/PCT/2002/00484/DEL	PCT/US00/42131	09/437,867 dt. 10/11/1999 US.	United States of America	Donaldson Company Inc., USA.	Filter arrangement and methods.
	Dt : 9/5/2002	Dt : 9/11/2000				
17	IN/PCT/2002/00485/DEL	PCT/KR00/01305	1999-50510 dt. 15/11/1999 Korea.	Republic of Korea	DiaChip Limited, Korea.	Method for detecting replication competent viruses in the sera of subjects receiving gene therapy.
	Dt : 10/5/2002	Dt : 15/11/2000				
18	IN/PCT/2002/00486/DEL	PCT/EP00/10861	199 54 421.2 dt. 12/11/1999 Germany.	Germany	LTS Lohmann Therapie-Systeme AG Germany..	Film preparation for biphasic release of pharmacologically active or other substances.
	Dt : 10/5/2002	Dt : 3/11/2000				
19	IN/PCT/2002/00487/DEL	PCT/EP00/10856	199 54 245.7 dt. 11/11/1999 Germany.	Germany	LTS Lohmann Therapie-Systeme AG Germany.	Multi-layer preparation in film form, consisting of hydrophilic polymers, for the rapid release of active ingredients.
	Dt : 10/5/2002	Dt : 3/11/2000				

20	IN/PCT/2002/00488/DEL	PCT/IL00/00759	9927202.3 dt. 17/11/1999 UK.	Israel	Tagra Biotechnologies Ltd., Israel.	A method of microencapsulation.
	Dt : 10/5/2002	Dt : 16/11/2000				
21	IN/PCT/2002/00489/DEL	PCT/US00/29866	09/437,161 dt. 10/11/1999 USA	United States of America	Exxonmobil chemical patents, Inc., USA.	Process for selectively producing high octane naphtha.
	Dt : 10/5/2002	Dt : 27/10/2000				
22	IN/PCT/2002/00490/DEL	PCT/US00/30378	09/436,660 dt. 10/11/1999 USA.	United States of America	Exxonmobil chemical patents, Inc., USA.	Naphtha cracking and hydroprocessing process for low emissions, high octane fuels.
	Dt : 10/5/2002	Dt : 3/11/2000				
23	IN/PCT/2002/00491/DEL	PCT/AU00/01244	PQ 3425 dt. 14/10/1999 Australia.	Australia	The University of Melbourne, Australia.	Estradiol conjugates and uses thereof.
	Dt : 10/5/2002	Dt : 13/10/2000				
24	IN/PCT/2002/00492/DEL	PCT/US01/03055	60/179,720 dt. 1/2/2000 USA.	United States of America	Jervis B. Webb Company, USA.	Method and apparatus for removing thimbles from the stubs of an anode.
	Dt : 10/5/2002	Dt : 31/1/2001				
25	IN/PCT/2002/00493/DEL	PCT/KR01/01657	2000-57891 & 2001-60966 dt. 2/10/2000 & 29/9/2001 Korea.	Korea	Korea Research Institute of Bioscience and Biotechnology, Korea.	A humanized antibody to surface antigen S of hepatitis B virus and A preparing method thereof.
	Dt : 10/5/2002	Dt : 4/10/2001				
26	IN/PCT/2002/00494/DEL	PCT/KR01/01657	2000-57891 & 2001-60966 dt. 2/10/2000 & 29/9/2001 Korea.	Republic of Korea	Korea Research Institute of Bioscience and Biotechnology, Korea.	A humanized antibody to surface antigen S of hepatitis B virus and A preparing method thereof.
	Dt : 10/5/2002	Dt : 4/10/2001				
27	IN/PCT/2002/00495/DEL	PCT/US00/34180	09/466,701 dt. 17/12/1999 USA.	United States of America	International Fuel Cells LLC. USA.	Fuel cell having a hydrophilic substrate layer.
	Dt : 10/5/2002	Dt : 15/12/2000				

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00496/DEL Dt : 13/5/2002	PCT/US00/34104 Dt : 15/12/2000	09/466,701, 09/542,778 & 09/733,133 dt. 17/12/1999, 4/4/2000 & 8/12/2000 USA.	United States of America	International Fuel Cells LLC, USA.	Fuel cell having interdigitated flow channels and water transport plates.
2	IN/PCT/2002/00497/DEL Dt : 13/5/2002	PCT/US00/31009 Dt : 9/11/2000	60/164,907, 60/193,191 & 60/206,420 dt. 11/11/1999, 30/3/2000 & 23/5/2000 US.	United States of America	DSI Pharmaceuticals, Inc., USA.	Stable polymorph of N-(3-Ethynylphenylamino)-6,7-Bis(2-Methoxyethoxy)-4-Quinazolinamine Hydrochloride, method of production, and pharmaceutical use thereof.
3	IN/PCT/2002/00498/DEL Dt : 13/5/2002	PCT/GB00/04623 Dt : 1/12/2000	9928265.9 dt. 1/12/1999 UK.	United Kingdom	Innovata Biomed Limited, UK.	Inhaler.
4	IN/PCT/2002/00499/DEL Dt : 14/5/2002	PCT/EP0/10036 Dt : 12/10/2000	199500681 dt. 16/10/1999 Germany.	Germany	ACR Automation in Cleanroom GmbH, Germany.	Method and device for isolating plate-III substrates.
5	IN/PCT/2002/00500/DEL Dt : 14/5/2002	PCT/IT00/00410 Dt : 13/10/2000	BO99A000552 dt. 14/10/1999 Italy.	Italy	G.D. Societa' Per Azioni, Italy.	Rigid carton of cigarettes partially openable for display
6	IN/PCT/2002/00501/DEL Dt : 14/5/2002	PCT/KR00/01379 Dt : 29/11/2000	1999/53630, 2000/8316, 2000/10823, 2000/11184, 2000/17743 dt. 29/11/1999, 21/2/2000, 29/2/2000, 2/3/2000 & 4/4/2000 Korea	Republic of Korea	Samsung Electronics Co.Ltd., Korea.	Apparatus and method for assigning a common packet channel in a CDMA communication system.
7	IN/PCT/2002/00502/DEL Dt : 14/5/2002	PCT/EP00/10934 Dt : 6/11/2000	199 56 486.8 dt. 24/11/1999 Germany.	Germany	LTS Lohmann Therapie-Systeme AG, Germany.	Multilayer preparation for a controlled, pulsed release of active substances.
8	IN/PCT/2002/00503/DEL Dt : 14/5/2002	PCT/GB00/04771 Dt : 13/12/2000	9929681.6 dt. 15/12/1999 UK.	United Kingdom	Implex Ltd., UK.	Transgenic Insect.
9	IN/PCT/2002/00504/DEL Dt : 14/5/2002	PCT/AU00/01505 Dt : 6/12/2000	PQ 4466 dt. 6/12/1999 Australia.	Australia	The Aussie Kids toy company Pty Ltd., Australia.	Switchable permanent magnetic device.
10	IN/PCT/2002/00505/DEL Dt : 14/5/2002	PCT/FR00/03174 Dt : 15/11/2000	99 14445 DT. 17/11/1999 France.	France	Fournier Industrie Et Sante, France.	Bitar-D-5-thioxylose derivatives, preparation method and therapeutic use.
11	IN/PCT/2002/00506/DEL Dt : 14/5/2002	PCT/FR00/03174 Dt : 15/11/2000	99 14445 DT. 17/11/1999 France.	France	Fournier Industrie Et Sante, France.	Bitar-D-5-thioxylose derivatives, preparation method and therapeutic use

12	IN/PCT/2002/00507/DEL Dt : 14/5/2002	PCT/US00/31009 Dt : 9/11/2000	60/164,907, 60/193,191 & 60/206,420 dt. 11/11/1999, 30/3/2000, 23/5/2000 US.	United States of America	OSI Pharmaceuticals Inc., USA.	Stable polymorph of N-(3- ethynylphenylamino)- 6,7-Bis(2- methoxyethoxy)-4- Quinazolinamine hydrochloride, methods of production, and pharmaceutical uses thereof.
13	IN/PCT/2002/00508/DEL Dt : 15/5/2002	PCT/US00/42058 Dt : 10/11/2000	09/441,224 dt. 15/11/1999 USA.	United States of America	Sun Microsystems Inc., USA.	Moving set data communications.
14	IN/PCT/2002/00509/DEL Dt : 15/5/2002	PCT/US00/29692 Dt : 27/10/2000	09/437,408 dt. 10/11/1999 USA.	United States of America	Exxonmobil Chemical Patents, Inc., USA.	Process for selectively producing light olefins.
15	IN/PCT/2002/00510/DEL Dt : 15/5/2002	PCT/US00/32150 Dt : 28/11/2000	09/451,989 dt. 30/11/1999 USA.	United States of America	Carpenter Advance Ceramics Inc., USA.	Ceramic Components for high pressure oil wells.
16	IN/PCT/2002/00511/DEL Dt : 16/5/2002	PCT/GB99/03940 Dt : 25/11/1999	PCT/GB99/03940 DT. 25/11/1999	United Kingdom	Dunlop Aerospace Limited, UK.	Wear resistant articles.
17	IN/PCT/2002/00512/DEL Dt : 16/5/2002	PCT/CA00/00070 Dt : 26/1/2000	PCT/CA00/00070 DT. 26/1/2000, CA	Canada	Domtar Inc., Canada.	Potassium monofluorophosphate as a corrosion inhibitor.
18	IN/PCT/2002/00513/DEL Dt : 16/5/2002	PCT/US00/31396 Dt : 15/11/2000	60/165,693 dt. 16/11/1999 USA.	United States of America	American Express Travel Related Services Company, Inc., USA.	Systems and methods for creating financial advice applications.
19	IN/PCT/2002/00514/DEL Dt : 17/5/2002	PCT/HU00/00110 Dt : 20/10/2000	P 9903731 dt. 20/10/1999 Hungary.	Hungary	Kerekes, Lajos and other Hungary.	Wire feeder and connector unit.
20	IN/PCT/2002/00515/DEL Dt : 17/5/2002	PCT/JP00/01683 Dt : 16/11/2000	11/332506 dt. 24/11/1999 Japan.	Japan	Toyota Jidosha Kabushiki Kaisha, Japan.	Vehicular Air- Conditioning Apparatus.
21	IN/PCT/2002/00516/DEL Dt : 17/5/2002	PCT/GB00/04889 Dt : 20/12/2000	9930450.3 dt. 23/12/1999 British.		Multi Operational Service Tankers Inc., Panama.	Subsea well intervention vessel.
22	IN/PCT/2002/00517/DEL Dt : 17/5/2002	PCT/FR00/03278 Dt : 24/11/2000	99 14837 dt. 25/11/1999 France.	France	Fournier Industrie Et Sante, France.	Novel IL-8 receptor antagonists.



## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00518/DEL Dt : 20/5/2002	PCT/GR01/00013 Dt : 22/3/2001	20000100097 dt. 24/3/2000 Greece.	Greece	Pilux & Danpex A.G. Greece.	Integration system of a reflector of light direction, placed into a watertight luminary of fluorescent lamps.
2	IN/PCT/2002/00519/DEL Dt : 20/5/2002	PCT/US01/31560 Dt : 10/10/2001	09/687,996 dt. 13/10/2000 USA.	United States of America	GE Medical Systems global technology company LLC, USA.	Imaging table mount.
3	IN/PCT/2002/00520/DEL Dt : 21/5/2002	PCT/IB00/00843 Dt : 22/6/2000	WO 99/56288 DT. 3/11/1999	France	Dr. Y.Zagyansky, France.	Einstein-Bohr End.; New atomic scale physics, electric field, neutrinos and electrons in conversions, perpetual motion.
4	IN/PCT/2002/00521/DEL Dt : 21/5/2002	PCT/JP00/08146 Dt : 17/11/2000	11-330600, 2000-79042 & 2000-203546 dt. 19/11/1999, 21/3/2000 & 5/7/2000 Japan.	Japan	Kabhushiki Kaisha Maruki, Japan.	Stack Structure.
5	IN/PCT/2002/00522/DEL Dt : 21/5/2002	PCT/IB00/01515 Dt : 23/10/2000	11/311637 & 2000-1943 dt. 1/11/1999 & 7/1/2000 Japan.	Japan	Toyota Jidosha Kabushiki Kaisha, Japan.	Gear Mechanism of power transmitting system.
6	IN/PCT/2002/00523/DEL Dt : 21/5/2002	PCT/US01/28804 Dt : 14/9/2001	09/688,523 dt. 16/10/2000 USA.	United States of America	GE Medical Systems Global Technology Company LLC, USA.	Medical table brake.
7	IN/PCT/2002/00524/DEL Dt : 22/5/2002	PCT/FR00/03040 Dt : 31/10/2000	99/14015 dt. 3/11/1999 France.	France	Rhodia Polyamide Intermediates, France.	Method of treating aqueous effluents containing peroxidized compounds.
8	IN/PCT/2002/00525/DEL Dt : 22/5/2002	PCT/US00/32328 Dt : 23/11/2000	60/167,168 dt. 23/12/1999 USA.	United States of America	Keough Steven J., and other USA.	System and method of templating specific human voices.

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| 9  | IN/PCT/2002/00526/DEL | PCT/US01/31921  | 09/688,518 dt.<br>16/10/2000 USA.  | United States of America | GE Medical systems global Technology company LLC (U.S.A.) | Mobile imaging table pivot mechanism.  |
|    | Dt : 22/5/2002        | Dt : 12/10/2001 |  |                          |   |  |
| 10 | IN/PCT/2002/00527/DEL | PCT/FR00/03187  | 99.15946 dt.<br>17/12/1999 France.   | France                   | Rieter Perfoject, France.                                 | Device for treating sheet-like material using pressurized water jets.  |
|    | Dt : 22/5/2002        | Dt : 16/11/2000 |  |                          |   |  |
| 11 | IN/PCT/2002/00528/DEL | PCT/US99/28037  | PCT/US99/28037 DT. 24/11/1999  | United States of America | Agriletric Power Inc., USA.                               | Combustion system and process for rice hulls and other combustible material.   |
|    | Dt : 22/5/2002        | Dt : 24/11/1999 |  |                          |   |  |
| 12 | IN/PCT/2002/00529/DEL | PCT/US01/28804  | 09/688,522 dt. 16/10/2000 USA  | United States of America | GE Medical systems global Technology company LLC (U.S.A.) | Dual stage telescoping imaging table.  |
|    | Dt : 22/5/2002        | Dt : 11/10/2001 |  |                          |   |  |
| 13 | IN/PCT/2002/00530/DEL | PCT/US00/34699  | 60/172,743 dt. 20/12/1999 US.  | United States of America | The Procter & Gamble Company, USA.                        | Bleach activators with improved solubility.  |
|    | Dt : 23/5/2002        | Dt : 20/12/2000 |  |                          |   |  |
| 14 | IN/PCT/2002/00531/DEL | PCT/IB00/01755  | 60/169,024 & 60/208,629 dt. 3/12/1999 & 1/6/2000 US.                               | United States of America | The Procter & Gamble Company, USA.                        | Delivery system having encapsulated porous carrier loaded with additives, particularly detergent additives such as perfumes. |
|    | Dt : 23/5/2002        | Dt : 27/11/2000 |  |                          |   |  |
| 15 | IN/PCT/2002/00532/DEL | PCT/US00/34833  | 998702773, EP 00870070.0 & EP 00202168.1 dt. 22/12/1999, 13/4/2000 & 22/6/2000 EP. | United States of America | The Procter & Gamble Company, USA.                        | Laundry and cleaning and/or fabric care compositions.  |
|    | Dt : 23/5/2002        | Dt : 20/12/2000 |  |                          |   |  |
| 16 | IN/PCT/2002/00533/DEL | PCT/US00/32404  | 60/168,894 DT. 3/12/1999 USA.  | United States of America | Citibank, N.A. USA.                                       | Device, system and method for conducting a transaction using a translucent, transparent or semitransparent transaction card. |
|    | Dt : 23/5/2002        | Dt : 29/11/2000 |  |                          |   |  |

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| 17 | IN/PCT/2002/00534/DEL | PCT/GR01/00037  | 20000100372 dt.<br>26/10/2000<br>Greece. | Greece                            | Pilux &<br>Danpex A.G.<br>Greece.          | Systems of parabolic<br>reflectors and base<br>of a luminaire with<br>fluorescent lamps.                   |
|    | Dt : 23/5/2002        | Dt : 01/10/2001 |  |                                   |  |  |
| 18 | IN/PCT/2002/00535/DEL | PCT/US01/40787  | 09/690,161 dt.<br>12/10/2000 USA.        | United<br>States<br>of<br>America | ASE<br>Americas,<br>Inc., USA.             | Gas assisted laser<br>cutting of thin and<br>fragile materials.  |
|    | Dt : 23/5/2002        | Dt : 22/5/2001  |  |                                   |  |  |
| 19 | IN/PCT/2002/00536/DEL | PCT/FR00/03389  | 99 15329 dt.<br>6/12/1999<br>France.     | France                            | Snecma<br>Propulsion<br>Solide,<br>France. | Carbonization of<br>cellulosic fibrous<br>materials in the<br>presence of an<br>organosilico<br>compound.  |
|    | Dt : 24/5/2002        | Dt : 5/12/2000  |  |                                   |  |  |
| 20 | IN/PCT/2002/00537/DEL | PCT/FR00/03388  | 99 15327 dt.<br>6/12/1999<br>France.     | France                            | Snecma<br>Propulsion<br>Solide,<br>France. | Carbonization of<br>cellulosic fibrous<br>materials in the<br>presence of an<br>organosilicon<br>compound. |
|    | Dt : 24/5/2002        | Dt : 5/12/2000  |  |                                   |  |  |

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00538/DEL Dt : 27/5/2002	PCT/AU00/01336 Dt : 31/10/2000	PQ 3846, PQ6348, PQ 7400 & PR 0067 DT. 3/11/1999, 20/3/2000, 10/5/2000 & 12/9/2000 AU.	Australia	Jeffrey craig rowlands, australia.	Dragline bucket rigging and control apparatus.
2	IN/PCT/2002/00539/DEL Dt : 27/5/2002	PCT/JP01/06266 Dt : 19/7/2001	2000-331889, 2000-366571, 2000-366636, 2000-366572, 2000-366445 & 2000-388041, DT:31/10/2000, 1/12/2000, 1/12/2000, 1/12/2000, 1/12/2000 & 21/12/2000 JP.	Japan	Honda giken kogyo kabushiki* kaisha, japan.	Tire/wheel assembly assembling method, tire/wheel assembly assembling line, wheel, and wheel manufacturing method.
3	IN/PCT/2002/00540/DEL Dt : 27/5/2002	PCT/FR00/03310 Dt : 27/11/2000	99/15031 & 00/10561 DT: 29/11/1999 and 11/08/2000. FR.	France	Aventis pharma S.A., france.	Arylamine derivatives and their use as anti-telomerase agent.
4	IN/PCT/2002/00541/DEL Dt : 28/5/2002	PCT/US00/41633 Dt : 27/10/2000	09/431,717 dt. 28/10/1999 US.	United States of America	Clive smith, usa.	Stethoscope transducer.
5	IN/PCT/2002/00542/DEL Dt : 29/5/2002	PCT/US00/32676 Dt : 30/11/2000	133230 dt. 30/11/1999, Israel.	United States of America	Anysoft, Ltd., USA.	Method for identifying a data region of a document.
6	IN/PCT/2002/00543/DEL Dt : 29/5/2002	PCT/US00/34832 Dt : 20/12/2000	60/172,823 dt. 21/12/1999 US.	United States of America	The Procter & Gamble Company, US.	Peptide Beta-turn mimetic compounds and processes for making them.
7	IN/PCT/2002/00544/DEL Dt : 29/5/2002	PCT/US00/33820 Dt : 14/12/2000	60/172,709 & 60/192,811 dt. 17/12/1999 & 29/3/2000 USA.	United States of America	The Procter & Gamble Company, US.	N-(1-phenylethyl)-5-phenyl-imidazole-2-amine compounds, their compositions and uses.
8	IN/PCT/2002/00545/DEL Dt : 29/5/2002	PCT/AU00/01477 Dt : 30/11/2000	PQ 4363 dt. 1/12/1999 Australia.	United States of America	CASTRIP, LLC, US	Hot rolling thin strip.
9	IN/PCT/2002/00546/DEL Dt : 29/5/2002	PCT/US00/26553 Dt : 25/9/2000	60/166,680 & 09/515,982 dt. 19/11/1999 & 25/2/2000 USA.	United States of America	Isolyser Company Inc., USA.	Process and system for treatment of waste streams containing water-soluble polymers.

10	IN/PCT/2002/00547/DEL Dt : 29/5/2002	PCT/IB01/01951 Dt : 18/10/2001	2059/00 dt. 20/10/2000 Switzerland.	Swiss	KBA-GIORI S.A. Switzerland.	Sheet-fed printing press and method carried out using the same.
11	IN/PCT/2002/00548/DEL Dt : 30/5/2002	PCT/NO00/00363 Dt : 1/11/2000	19995353 dt. 2/11/1999 Norway.	Norway	Jak J. Alveberg AS, Norway,	A device and a method for removal of rust and paint.
12	IN/PCT/2002/00549/DEL Dt : 30/5/2002	PCT/GB00/04587 Dt : 1/12/2000	9928438.2 dt. 1/12/1999 UK.	United Kingdom	ISIS Innovation Limited, UK.	A particle comprising a host lattice and a guest, its preparation and use in ultraviolet light screening compositions.
13	IN/PCT/2002/00550/DEL Dt : 30/5/2002	PCT/US00/35191 Dt : 22/12/2000	60/172,030 dt. 23/12/1999 USA.	United States of America	USF Filtration and Separations Group Inc., USA.	Advanced alloy fiber and process of making.
14	IN/PCT/2002/00551/DEL Dt : 30/5/2002	PCT/FR00/03386 Dt : 5/12/2000	99/15332 dt. 6/12/1999 France.	France	Snecma Propulsion Solide, France.	A sealing box for a chamber for continuously treating a thin strip product, in particular for furnace for continuously carbonizing a fiber substrate.
15	IN/PCT/2002/00552/DEL Dt : 31/5/2002	PCT/US00/42231 Dt : 22/11/2000	PCT/US00/4223 DT: 22-11-2000, US	United States of America	Calgon Carbon corporation, US	Fluid directing multiport rotary valve
16	IN/PCT/2002/00553/DEL Dt : 31/5/2002	PCT/US00/33079, Dt : 4/12/2000	60/168,813, 60/205,719 Dt. 03/12/1999, 19/5/2000, U.S.	United States of America	The Regents of The University of California, San Diego, U.S.A.	Phosphonate compounds.

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00554/DEL Dt : 3/6/2002	PCT/CN00/00482 Dt : 22/11/2000	99240418.5 dt. 23/11/1999 China.	China	Feng, duxiong China.	Female contraceptive device.
2	IN/PCT/2002/00555/DEL Dt : 3/6/2002	PCT/SE00/02222 Dt : 13/11/2000	9904123.8 dt. 15/11/1999 Sweden.	Sweden	Aneo Ab, sweden.	A system related to intravenous anaesthesia.
3	IN/PCT/2002/00556/DEL Dt : 3/6/2002	IN/PCT/2002/00047/DEL Dt : 11/1/2002	09/354,387 dt. 14/7/1999 USA.	United States of America	Greenearth Cleaning LLC, USA.	A method of dry cleaning articles using siloxane solvent and no added volatile organic cleaning solvents.
4	IN/PCT/2002/00557/DEL Dt : 3/6/2002	PCT/KR01/01791 Dt : 22/10/2001	2000-62152 dt. 21/10/2000 Korea.	Korea	Samsung Electronics Co., Ltd., Korea.	Data transmitting/receiving method in HARQ data communication system.
5	IN/PCT/2002/00558/DEL Dt : 3/6/2002	PCT/KR01/01780 Dt : 20/10/2001	2000-62151 dt. 21/10/2000 Korea.	Korea	Samsung Electronics Co., Ltd., Korea.	Apparatus and method for generating codes in communications system.
6	IN/PCT/2002/00559/DEL Dt : 3/6/2002	PCT/US00/26581 Dt : 27/9/2000	60/107,521 dt. 14/12/1999 USA.	United States of America	Celgro, USA.	Process for the preparation of secondary and tertiary amines.
7	IN/PCT/2002/00560/DEL Dt : 3/6/2002	PCT/EP00/12093 Dt : 1/12/2000	199 60 154.2 dt. 14/12/1999 Germany.	Germany	LTS Lohmann therapie-systeme AG, Germany.	Flat medicinal preparation for transmucosal administration of oxycodon or a comparable active ingredient in the oral cavity, for use in pain therapy and in addiction therapy.
8	IN/PCT/2002/00561/DEL Dt : 3/6/2002	PCT/KR01/01792 Dt : 22/10/2001	2000/62153 dt. 21/10/2000 Korea.	Korea	Samsung Electronics Co., Ltd., Korea.	Transmitting packet data in mobile communications system.
9	IN/PCT/2002/00562/DEL Dt : 3/6/2002	PCT/US00/42481 Dt : 1/12/2000	60/168,995 & 60/202,973 dt. 3/12/1999 & 9/5/2000 USA.	United States of America	Ecoair Corp., USA,	Hybrid brushless electric machine.

10	IN/PCT/2002/00563/DEL	PCT/US00/31741	60/169,592 dt. 8/12/1999 USA.	United States of America	Orontes Corporation and other usa.	Hybrid Electric power generator and method for generating electric power.
	Dt : 3/6/2002	Dt : 17/11/2000				
11	IN/PCT/2002/00564/DEL	PCT/US00/31107	60/165,087 dt. 12/11/1999 USA.	United States of America	Pharmasset limited, USA.	Synthesis of 2'-deoxy-I-nucleosides.
	Dt : 3/6/2002	Dt : 13/11/2000				
12	IN/PCT/2002/00565/DEL	PCT/KR01/01782	2000-62050 & 2000-63052 dt. 20/10/2000 & 25/10/2000 Korea.	Korea	Samsung electronics co., Ltd., Korea.	Apparatus and method for determining a data rate of packet data in a mobile communication systems.
	Dt : 3/6/2002	Dt : 20/10/2001				
13	IN/PCT/2002/00566/DEL	PCT/KR01/01781	2000/61835 dt. 20/10/2000 Korea.	Korea	Samsung electronics co., Ltd., Korea.	Apparatus and method for transmitting a burst pilot channel in a mobile communication system.
	Dt : 3/6/2002	Dt : 20/10/2001				
14	IN/PCT/2002/00567/DEL	PCT/KR01/01772	2000-61721, 2000-61911 & 2000-61914 dt. 19/10/2000, 20/10/2000 & 20/10/2000 Korea.	Korea	Samsung electronics co., Ltd., Korea.	Device and method for transmitting multimedia data in mobile communication system.
	Dt : 3/6/2002	Dt : 19/10/2001				
15	IN/PCT/2002/00568/DEL	PCT/DK00/00672	DK PA 1999 01742 dt. 6/10/1999 DK	Denmark	Rgs90 Denmark.	Method for producing a glass and glass produced thereby.
	Dt : 3/6/2002	Dt : 6/12/2000				
16	IN/PCT/2002/00569/DEL	PCT/IB00/01736	99/7346 dt. 26/11/1999 South Africa.	South Africa	Mobile telephone networks (proprietary) Limited, RSA.	Communication method and system.
	Dt : 3/6/2002	Dt : 23/11/2000				
17	IN/PCT/2002/00570/DEL	PCT/IB00/01744	99/7346 dt. 26/11/1999 South Africa.	South Africa	Mobile telephone networks (proprietary) Limited, RSA.	A method of supplying information to a user of a mobile station.
	Dt : 3/6/2002	Dt : 24/11/2000				
18	IN/PCT/2002/00571/DEL	PCT/AU00/01365	PQ 3910 & PQ 9398 DT. 8/11/1999 & 15/8/2000 AUSTRALIA.	Australia	Mather Seija Aulikki, Australia.	Improvements in key operable locks.
	Dt : 3/6/2002	Dt : 7/11/2000				
19	IN/PCT/2002/00572/DEL	PCT/EP00/08777	19959808.8 dt. 11/12/1999 Germany.	Germany	Grosser, Hans, Karl, Germany.	Diagnostic device.
	Dt : 4/6/2002	Dt : 8/9/2000				



20	IN/PCT/2002/00573/DEL	PCT/GB00/04758	99310003.1 dt. 13/12/1999 Europe	England	Davy Process Technology limited, England.	Process for the co-production of aliphatic diols and cyclic ethers.
	Dt : 4/6/2002	Dt : 12/12/2000				
21	IN/PCT/2002/00574/DEL	PCT/GB00/04636	9928607.2 dt. 4/12/1999 UK.	United Kingdom	Star syringe limited, UK.	Syringes.
	Dt : 4/6/2002	Dt : 4/12/2000				
22	IN/PCT/2002/00575/DEL	PCT/JP00/07079	11-332106 dt. 22/11/1999 Japan.	Japan	Tokyo R & D Co., Ltd., Japan.	Electric device and electric device system.
	Dt : 4/6/2002	Dt : 12/10/2000				
23	IN/PCT/2002/00576/DEL	PCT/AU00/01490	PQ4449, PQ6067 & PQ7080 dt. 3/12/1999, 7/3/2000 & 20/4/2000 Australia	Australia	BHP Steel (JLA) Pty Ltd., and Akzo Nobel Pty Ltd., Australia.	Method and apparatus of coating a moving substrate surface.
	Dt : 4/6/2002	Dt : 1/12/2000				
24	IN/PCT/2002/00577/DEL	PCT/US00/32989	60/169,174 dt. 6/12/1999 USA.	United States of America	Penwest Pharmaceutical Co., USA.	Pharmaceutical Superdisintegrant.
	Dt : 5/6/2002	Dt : 6/12/2000				
25	IN/PCT/2002/00578/DEL	PCT/US01/00903	09/480,976 dt. 11/1/2000 US.	United States of America	The Procter & Gamble Company, USA.	Container having cover with multi-sector seal.
	Dt : 5/6/2002	Dt : 11/1/2001				
26	IN/PCT/2002/00579/DEL	PCT/US01/00966	09/481,456 Dt. 11/1/2000 US.	United States of America	The Procter & Gamble Company, USA.	Slider for opening or closing a reclosable fastener disposed in a two dimensional plane.
	Dt : 5/6/2002	Dt : 11/1/2001				
27	IN/PCT/2002/00580/DEL	PCT/US00/33436	60/169,430 dt. 7/12/1999 USA.	United States of America	Mdc Investment Holdings, inc., USA.	Safety Needle medical bearing devices.
	Dt : 5/6/2002	Dt : 7/12/2000				
28	IN/PCT/2002/00581/DEL	PCT/US00/28880	60/163,659 dt. 5/11/1999 USA.	United States of America	Cawthon Enterprises, Inc., USA.	Portable sink.
	Dt : 5/6/2002	Dt : 3/11/2000				
29	IN/PCT/2002/00582/DEL	PCT/CA00/01472	09/456,268 DT. 7/12/1999 US.	United States of America	Dupont Canada inc., USA.	Surface printing inks and coating for use on flexible film or paper packages.
	Dt : 6/6/2002	Dt : 7/12/2000				

30	IN/PCT/2002/00583/DEL	PCT/AU00/01495	PQ 4462 dt. 2/12/1999 AU.	Australia	Micromachines limited, Australia.	Micromachines.
	Dt : 6/6/2002	Dt : 4/12/2000				
31	IN/PCT/2002/00584/DEL	PCT/AU00/01543	PQ 4625 DT.13/12/1999 AU.	Australia	Victoria university of technology, and other, Australia.	Yeast-based process for production of L-Pac.
	Dt : 6/6/2002	Dt : 13/12/2000				
32	IN/PCT/2002/00585/DEL	PCT/US00/33466	60/169,935 dt. 10/12/1999 USA.	United States of America	Chemgen Corporation, USA.	Enzyme treatment for infection.
	Dt : 6/6/2002	Dt : 8/12/2000				
33	IN/PCT/2002/00586/DEL	PCT/US00/33086	09/456,100 dt. 6/12/1999 USA.	United States of America	Sangamo Biosciences, Inc., USA.	Methods of using randomized libraries of zinc finger proteins for the identification of gene function.
	Dt : 7/6/2002	Dt : 6/12/2000				
34	IN/PCT/2002/00587/DEL	PCT/SE00/02320	9904262-4 & 0001960-4 dt. 24/11/1999 & 26/5/2000 Sweden.	Sweden	Eurosund Medical AB, Sweden.	Method and device for training pelvic floor muscles.
	Dt : 7/6/2002	Dt : 24/11/2000				

## IN/PCT APPLICATION DETAILS

SI No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00588/DEL Dt : 10/6/2002	PCT/IB00/01742 Dt : 23/11/2000	60/170,179 dt. 10/12/1999 US.	United States of America	Pfizer products inc, USA.	Pyrrolo [2,3-d] pyrimidine compounds.
2	IN/PCT/2002/00589/DEL Dt : 10/6/2002	PCT/US00/34831 Dt : 20/12/2000	99870277.3, 00870070.0, 00202168.1 dt. 22/12/1999, 13/04/2000, 22/06/2000 EP.	United States of America	The Procter & Gamble Company, USA.	Process for making a detergent product.
3	IN/PCT/2002/00590/DEL Dt : 10/6/2002	PCT/US99/29366 Dt : 10/12/1999	PCT/US99/29366 DT. 10/12/1999	Swaziland	Michelin Recherche ET Technique S.A., Switzerland.	Structurally supported resilient tire.
4	IN/PCT/2002/00591/DEL Dt : 10/6/2002	PCT/CA00/01485 Dt : 11/12/2000	09/458,681 dt. 10/12/1999 USA.	Canada	Amir Salama, Canada.	Device and method for treating water with ozone generated by water electrolysis.
5	IN/PCT/2002/00592/DEL Dt : 10/6/2002	PCT/FR00/03573 Dt : 18/12/2000	99/15955 dt. 17/12/1999 France.	France	Green Technologies Sarl, France.	Method and installation for making flour from ozone-treated grains.
6	IN/PCT/2002/00593/DEL Dt : 10/6/2002	PCT/GB00/04315 Dt : 10/11/2000	9927125.6 dt. 16/11/1999 UK.	United Kingdom	University of Reading, UK.	Placental human neurokinin B precursor.
7	IN/PCT/2002/00594/DEL Dt : 11/6/2002	PCT/AU00/01537 Dt : 14/12/2000	PQ 4637 dt. 14/12/1999 AU.	Australia	Novio Phenolic Foam Pty. Ltd., Australia.	Fire resistant compositions.
8	IN/PCT/2002/00595/DEL Dt : 11/6/2002	PCT/GB00/04950 Dt : 21/12/2000	09/479,027 & 09/479,028 dt. 7/1/2000 USA.	United States of America	International Business Machine Corporation, USA.	Method and system for frame and protocol classification.
9	IN/PCT/2002/00596/DEL Dt : 11/6/2002	PCT/FR00/03188 Dt : 16/11/2000	00.00298 dt. 11/1/2000 FR.	France	Rieter Perfojet, France.	Method for producing A complex Nonwoven fabric and resulting novel fabric.

10	IN/PCT/2002/00597/DEL	PCT/IB00/01849	60/170,909, 60/176,985 & 09/733,492 dt. 15/12/1999, 19/1/2000 & 8/12/2000 US.	Canada	Nortel Networks Limited, Canada.	Dynamic, dual-mode wireless network architecture with a split layer 2 protocol.
	Dt : 12/6/2002	Dt : 11/12/2000				
11	IN/PCT/2002/00598/DEL	PCT/FR00/03483	99 16 380 dt. 23/12/1999 FR.	France	Elf Antar France, France.	Temperature-Stable emulsified fuel.
	Dt : 12/6/2002	Dt : 12/12/2000				
12	IN/PCT/2002/00599/DEL	PCT/US00/33524	60/174,433 & 09/710,998 dt. 4/1/2000 & 9/11/2000 USA.	United States of America	William B. Duff, Jr., USA.	Method and circuit for using polarized device in AC applications.
	Dt : 12/6/2002	Dt : 6/12/2000				
13	IN/PCT/2002/00600/DEL	PCT/AU00/01547	PQ 4702/99 dt. 16/12/1999 AU.	Australia	Jindalee Fibre Developments Pty. Ltd. Australia.	Fibre Processing.
	Dt : 12/6/2002	Dt : 15/12/2000				
14	IN/PCT/2002/00601/DEL	PCT/US00/30677	09/460,531 dt. 15/12/1999 USA.	United States of America	Reuben Bahar, USA.	Method and system for confirming receipt of electronic mail transmitted via a communications network.
	Dt : 13/6/2002	Dt : 7/11/2000				
15	IN/PCT/2002/00602/DEL	PCT/KR01/01790	2000-62155 dt. 21/10/2000 KR.	Republic of Korea	Samsung Electronics Co.Ltd., Korea.	Harq Device and method for mobile communication system.
	Dt : 14/6/2002	Dt : 22/10/2001				
16	IN/PCT/2002/00603/DEL	PCT/EP00/13068	MI99A002693 dt. 23/12/1999 IT.	Italy	Novuspharma S.P.A. Italy.	2-(1H-Indol-3-yl)-2-oxo-acetamides with antitumor activity.
	Dt : 14/6/2002	Dt : 21/12/2000				
17	IN/PCT/2002/00604/DEL	PCT/IB00/01712	09/465,054 dt. 16/12/1999 USA.	Australia	Compumedics Sleep Pty. Ltd., Australia.	Bio-Mask with integral sensors.
	Dt : 14/6/2002	Dt : 20/11/2000				
18	IN/PCT/2002/00605/DEL	PCT/US00/13308	09/464,114 dt. 16/12/1999 USA.	United States of America	Univation Technologies LLC, USA.	Method of polymerization.
	Dt : 14/6/2002	Dt : 15/5/2000				

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00606/DEL Dt : 17/6/2002	PCT/US00/31914 Dt : 21/11/2000	09/449,176 dt. 24/11/1999 USA.	United States of America	Metallic Power Inc., USA.	System and method for preventing the formation of dendrites in a metal/air fuel cell, battery or metal recovery apparatus.
2	IN/PCT/2002/00607/DEL Dt : 17/6/2002	PCT/US00/42611 Dt : 5/12/2000	09/465,220 dt. 15/12/1999 USA	United States of America	Intel Corporation, USA.	Method and apparatus for selectively disabling clock distribution.
3	IN/PCT/2002/00608/DEL Dt : 17/6/2002	PCT/SE99/02435 Dt : 21/12/1999	PCT/SE99/02435 DT. 21/12/1999.	Sweden	ABB Flakt Aktiebolag, Sweden.	Distribution of gas and liquid in a contact device.
4	IN/PCT/2002/00609/DEL Dt : 17/6/2002	PCT/SE99/02426 Dt : 20/12/1999	PCT/SE99/02426 DT. 20/12/1999.	Sweden	ABB Flakt Aktiebolag, Sweden.	Liquid distribution in a contact device.
5	IN/PCT/2002/00610/DEL Dt : 18/6/2002	PCT/IB00/01890 Dt : 30/11/2000	PCT/IB00/01890 DT. 30/11/2000	Great Britain	Luxfer group Limited, Great Britain.	Water treatment method and apparatus.
6	IN/PCT/2002/00611/DEL Dt : 18/6/2002	PCT/US00/34605 Dt : 19/12/2000	60/172,097 dt. 23/12/1999 USA and other 10 Nos.	United States of America	ICN Pharmaceuticals, Inc., USA.,	Compositions and methods for L-Nucleosides, L-Nucleotides, and their analogs.
7	IN/PCT/2002/00612/DEL Dt : 18/6/2002	PCT/US00/34610 Dt : 15/12/2000	09/471,513 dt. 23/12/1999 USA.	United States of America	ICN Pharmaceuticals, Inc., USA.,	Treatment of viral infections using levovirin.
8	IN/PCT/2002/00613/DEL Dt : 18/6/2002	PCT/JP00/09116 Dt : 21/12/2000	365604/11 & 2000-139860 dt. 22/12/1999 & 12/5/2000 Japan.	Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan.	Air-fuel ratio control apparatus for internal combustion engines.

9	IN/PCT/2002/00614/DEL	PCT/US00/33535	09/460,050 dt. 14/12/1999 USA.	United States of America	PY Daniel, USA.	System and method for application of medicament into the nasal passage.
	Dt : 18/6/2002	Dt : 11/12/2000				
10	IN/PCT/2002/00615/DEL	PCT/US01/01168	60/176,150 dt. 14/1/2000 US.	United States of America	Interdigital Technology Corporation, US.	Wireless communication system with selectively sized data transport blocks.
	Dt : 18/6/2002	Dt : 12/1/2001				
11	IN/PCT/2002/00616/DEL	PCT/GB00/04538	9928071.1 dt. 29/11/1999 UK.	United Kingdom	PolyBioMed Limited, UK.	Biocompatible medical articles and process for their production.
	Dt : 18/6/2002	Dt : 29/11/2000				
12	IN/PCT/2002/00617/DEL	PCT/US00/33102	60/175,779 dt. 12/1/2000 USA	Switzerland	Alcon Inc., Switzerland.	Coating of implantable ophthalmic lenses to reduce edge glare.
	Dt : 18/6/2002	Dt : 6/12/2000				
13	IN/PCT/2002/00618/DEL	PCT/FR00/03250	99/14783 dt. 24/11/1999 France.	France	Galderma Research & Development S.N.C., France.	Vitamin D Analogues.
	Dt : 19/6/2002	Dt : 22/11/2000				
14	IN/PCT/2002/00619/DEL	PCT/FR00/03249	99/14781 dt. 24/11/1999 France.	France	Galderma Research & Development S.N.C., France.	Vitamin D Analogues
	Dt : 19/6/2002	Dt : 22/11/2000				
15	IN/PCT/2002/00620/DEL	PCT/US01/46238	60/242,083 & 60/246,843 dt. 20/10/2000 & 8/11/2000 US.	United States of America	Wave Systems Corporation, USA.	System and method for managing trust between clients and servers.
	Dt : 19/6/2002	Dt : 19/10/2001				
16	IN/PCT/2002/00621/DEL	PCT/US00/32702	09/454,074, 09/454254 & 09/454,075, 2/12/1999 (all) USA.	United States of America	OSI Pharmaceuticals, Inc., USA.	Compounds specific to adenosine A1,A2A, and A3 receptors and uses thereof.
	Dt : 19/6/2002	Dt : 1/12/2000				

17	IN/PCT/2002/00622/DEL	PCT/US00/32702	09/454,074, 09/454,254 dt. 2/12/1999 USA.	United States of America	OSI Pharmaceuticals, Inc., USA.	Compounds specific to adenosine A1,A2A, and A3 receptors and uses thereof.
	Dt : 19/6/2002	Dt : 1/12/2000				
18	IN/PCT/2002/00623/DEL	PCT/IB00/01930	09/468,679 dt. 21/12/1999 USA.	Barbados	Ingeneus Corporation, Bardados.	Fluorescent intensity assay for duplex and triplex nucleic acid hybridization in solution utilizing fluorescent intercalators.
	Dt : 19/6/2002	Dt : 21/12/2000				
19	IN/PCT/2002/00624/DEL	PCT/CA00/01400	60/167,769 dt. 29/11/1999 USA.	Canada	Kevin, C.Kain and other, Canada.	Surfactants as malarial chloroquine resistance reversal agents.
	Dt : 19/6/2002	Dt : 28/11/2000				
20	IN/PCT/2002/00625/DEL	PCT/CA00/01390	09/467,790 dt. 20/12/1999 US.	Canada	Chiu, Chui-Wen, Canada.	Capsule ejection system for passenger aircraft.
	Dt : 20/6/2002	Dt : 23/11/2000				
21	IN/PCT/2002/00626/DEL	PCT/US00/34989	09/470,892 dt. 22/12/1999 USA.	United States of America	EMSAR Inc., USA.	Dispensing Head for a squeeze dispenser.
	Dt : 20/6/2002	Dt : 22/12/2000				
22	IN/PCT/2002/00627/DEL	PCT/EP00/11733	199 57 838.9 dt. 25/11/1999 Germany.	Germany	Heinrich-Pette- Institut, Germany.	Gene therapy of HIV-Positive patients by the expression of membrane- anchored GP41 peptides.
	Dt : 21/6/2002	Dt : 24/11/2000				
23	IN/PCT/2002/00628/DEL	PCT/EP00/05673	MI99A 002448 dt. 23/11/1999 Italy.	Italy	ABB Service S.r.l., Italy.	An improved low- voltage power circuit breaker.
	Dt : 21/6/2002	Dt : 23/11/1999				
24	IN/PCT/2002/00629/DEL	PCT/FR00/03420	99/16387 dt. 23/12/1999 France.	France	Fournier Industrie ET Sante, France.	Benzophenone alpha-D- Glycopyranosides, preparation and therapeutic use.
	Dt : 21/6/2002	Dt : 6/12/2000				

25	IN/PCT/2002/00630/DEL	PCT/FR00/03419	99/16389 dt. 23/12/1999 France.	France	Fournier Industrie ET Sante, France.	Benzophenone Glycopyranosides, preparation and therapeutic use.
	Dt : 21/6/2002	Dt : 6/12/2000				
26	IN/PCT/2002/00631/DEL	PCT/KR00/00505	1999-60254 dt. 22/12/1999 Korea.	Korea	KIM, Chungtae, Korea.	Information modelling method and database searching method using the information modelling method.
	Dt : 21/6/2002	Dt : 20/5/2000				
27	IN/PCT/2002/00632/DEL	PCT/US00/35137	60/173,610 & 60/174,425 dt. 29/12/1999 & 4/1/2000 USA.	United States of America	The regents of the University of California, USA.	Treatment of drug-resistant human immunodeficiency virus infection.
	Dt : 21/6/2002	Dt : 22/12/2000				
28	IN/PCT/2002/00633/DEL	PCT/DK00/00649	1999 01702 dt. 25/11/1999 Denmark.	Denmark	DCT APS, Denmark.	Composition for impregnation of fabrics and nettings.
	Dt : 21/6/2002	Dt : 24/11/2000				
29	IN/PCT/2002/00634/DEL	PCT/IT00/00544	BS99A000120 dt. 24/12/1999 Italy.	Italy	Santoni S.P.A. Italy.	Apparatus and method for controlling the weight of fabric produced by a textile machine, in particular by a circular knitting machine.
	Dt : 21/6/2002	Dt : 22/12/2000				
30	IN/PCT/2002/00635/DEL	PCT/AU/01423	PQ 4176 dt. 23/11/1999 Australia.	Australia	Dingo Sports Pty.Ltd., Australia.	Ball return practicing arrangement.
	Dt : 21/6/2002	Dt : 23/11/2000				
31	IN/PCT/2002/00636/DEL	PCT/GB01/00754	00301409.9 & 0004304.2 dt. 23/2/2000 EP & GB	United Kingdom	Tradesafely.com Limited, UK.	Method and apparatus for internet web site accreditation.
	Dt : 21/6/2002	Dt : 22/2/2001				



## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00637/DEL Dt : 24/6/2002	PCT/CA00/01462 Dt : 7/12/2000	09/455,762 dt. 7/12/1999 USA.	Canada	Canadian Bank note Company Limited, Canada.	Intaglio printing inks having improved dispersibility and chemical resistance.
2	IN/PCT/2002/00638/DEL Dt : 24/6/2002	PCT/DK00/00651 Dt : 27/11/2000	PA 1999 01687 dt. 25/11/1999 Denmark.	Denmark	Jesper Eugen-Olsen, Denmark.	A method of diagnosing or prognosticating HIV infection in a subject.
3	IN/PCT/2002/00639/DEL Dt : 24/6/2002	PCT/US01/01115 Dt : 11/1/2001	09/487,120 dt. 19/1/2000 US.	United States of America	Individual Network Inc., USA.	Method and system for providing a customized media list.
4	IN/PCT/2002/00640/DEL Dt : 24/6/2002	PCT/GB01/00079 Dt : 9/1/2001	00302183.9, EP & 0006541.7 dt. 17/3/2000 (both) GB.	United Kingdom	Tradesafely.com Limited, UK.	Payment authorisation method and apparatus.
5	IN/PCT/2002/00641/DEL Dt : 24/6/2002	PCT/CH00/00684 Dt : 22/12/2000	2395/99 dt. 29/12/1999 Switzerland.	Switzerland	KBA-GIORI S.A., Switzerland.	Method for cutting bond papers.
6	IN/PCT/2002/00642/DEL Dt : 25/6/2002	PCT/EP00/10598 Dt : 27/10/2000	90478 dt. 26/11/1999 Luxembourg	Luxembourg	Luxsat International S.A. Luxembourg.	Method for access to a collection of multimedia documents.
7	IN/PCT/2002/00643/DEL Dt : 26/6/2002	PCT/FROO/03697 Dt : 27/12/2000	99/16 560 dt. 28/12/1999 FR.	France	Elf Antar France, France.	Multifunctional additive compositions enabling middle distillates to be operable in cold conditions.

8	IN/PCT/2002/00644/DEL	PCT/US00/34986	60/173,525 dt. 29/12/1999 USA.	United States of America	UOP LLC, USA.	Carbonylation process.
	Dt : 26/6/2002	Dt : 26/12/2000				
9	IN/PCT/2002/00645/DEL	PCT/DK01/00008	PA 2000 00025 dt. 07/01/2000 DK.	Denmark	Biotap A/S. Denmark.	Ostomy bag with coupling.
	Dt : 27/6/2002	Dt : 5/1/2001				
10	IN/PCT/2002/00646/DEL	PCT/JP99/07352	PCT/JP99/07352 DT: 27/12/1999	Singapore	Asia Business Venture Holdings Pte Ltd., Singapore.	Auction and reverse auction system, auction and reverse auction apparatus, connecting apparatus, and auction and reverse auction method.
	Dt : 27/6/2002	Dt : 27/12/1999				
11	IN/PCT/2002/00647/DEL	PCT/JP99/07351	PCT/JP99/07351 DT: 27/12/1999	Singapore	Asia Business Venture Holdings Pte Ltd., Singapore.	Purchase and sale assisting system, purchase and sale assisting system for used car, purchase and sale assisting method and purchase and sale assisting method for used car.
	Dt : 27/6/2002	Dt : 27/12/1999				
12	IN/PCT/2002/00648/DEL	PCT/AU00/01280	PQ 4392 dt. 1/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Method and system for device control.
	Dt : 27/6/2002	Dt : 20/10/2000				
13	IN/PCT/2002/00649/DEL	PCT/AU00/01286	PQ 4392 dt. 1/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Sensing device for coded electronic ink surface.
	Dt : 27/6/2002	Dt : 20/10/2000				
14	IN/PCT/2002/00650/DEL	PCT/AU00/01442	PQ 4392 dt. 1/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Method and system for telephone control.
	Dt : 27/6/2002	Dt : 27/11/2000				

15	IN/PCT/2002/00651/DEL	PCT/AU00/01451	PQ 4392 dt. 1/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Video player with code sensor.
	Dt : 27/6/2002	Dt : 27/11/2000				
16	IN/PCT/2002/00652/DEL	PCT/AU00/01453	PQ 4392 dt. 1/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Mobile phone with interactive printer.
	Dt : 27/6/2002	Dt : 27/11/2000				
17	IN/PCT/2002/00653/DEL	PCT/AU00/01455	PQ 4392 dt. 1/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Coded surface with function flags.
	Dt : 27/6/2002	Dt : 27/11/2000				
18	IN/PCT/2002/00654/DEL	PCT/AU00/01459	PQ 4392 dt. 1/12/1999 Australia.	Australia	Silverbrook Research Pty. Ltd., Australia.	Audio player with code sensor.
	Dt : 27/6/2002	Dt : 27/11/2000				
19	IN/PCT/2002/00655/DEL	PCT/SE00/02528	9904554-4 dt. 14/12/1999 Sweden.	Sweden	Berth Ake Jonsson and other Sweden.	Method and device for determining and adjusting the upper dead-centre position in piston engines.
	Dt : 28/6/2002	Dt : 14/12/2000				
20	IN/PCT/2002/00656/DEL	PCT/KR01/01901	2000/67057 dt. 13/11/2000 Korea.	Republic of Korea	Daelim Industrial Co.Ltd., Korea.	Method for producing polybutene.
	Dt : 28/6/2002	Dt : 9/11/2001				

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1.	IN/PCT/2002/00657/DEL Dt : 1/7/2002	PCT/US01/44379 Dt : 26/11/2001	09/731,540 dt. 7/12/2000 USA.	United States of America	Husco International, Inc., USA.	Disk pack valve assembly for a hydraulic circuit.
2	IN/PCT/2002/00658/DEL Dt : 1/7/2002	PCT/IB01/00244 Dt : 23/2/2001	0015200.1 & 0015900.4 dt. 3/3/2000 & 28/6/2000 UK.	United States of America	Pfizer Inc., USA.	New salt form and polymorphs.
3	IN/PCT/2002/00659/DEL Dt : 1/7/2002	PCT/US00/34938 Dt : 26/12/2000	60/173,606 dt. 29/12/1999 USA.	United States of America	UOP LLC, USA.	Stripping process with fully distributed openings on baffles.
4	IN/PCT/2002/00660/DEL Dt : 1/7/2002	PCT/US00/34722 Dt : 21/12/2000	09/473,590 dt. 28/12/1999 USA.	United States of America	Colgate-Palmolive Company, USA.	Skin Moisturizing composition.
5	IN/PCT/2002/00661/DEL Dt : 2/7/2002	PCT/FR00/03517 Dt : 14/12/2000	99/16010 dt. 17/12/1999 France.	France	Rhodia Polyamide Intermediates, France.	Method for producing alcohol/ketone mixtures.
6	IN/PCT/2002/00662/DEL Dt : 3/7/2002	PCT/US01/03309 Dt : 1/2/2001	60/179,506 dt.01/02/2000 US.	United States of America	The Proctor & Gamble Company, USA.	Process for making geminal bisphosphonates.
7	IN/PCT/2002/00663/DEL Dt : 3/7/2002	PCT/US01/00331 Dt : 5/1/2001	60/174,627 dt. 05/01/2000 US.	United States of America	Inductive Signature Technologies, Inc., USA.	Method and apparatus for active isolation in inductive loop detectors.
8	IN/PCT/2002/00664/DEL Dt : 3/7/2002	PCT/CH01/00052 Dt : 24/1/2001	151/00 dt. 26/1/2000 Switzerland.	Swaziland	KBA-GIORI S.A., Switzerland.	Device and method for detecting paper sheets.
9	IN/PCT/2002/00665/DEL Dt : 4/7/2002	PCT/GB00/00007 Dt : 7/1/2000	PCT/GB00/00007 DT. 7/1/2000	Norway	Clear Water 42 Holding ASA, Norway.	Water purification filter.

10	IN/PCT/2002/00666/DEL	PCT/US01/00099	09/477,905 dt. 5/1/2000 USA.	United States of America	Honeywell International Inc., USA.	Bulk amorphous metal magnetic component.
	Dt : 4/7/2002	Dt : 3/1/2001				
11	IN/PCT/2002/00667/DEL	PCT/SE00/02487	0000211-3 dt. 25/1/2000 Sweden.	France	OLOVSON, Gudmar, France.	Arrangement at a syringe.
	Dt : 4/7/2002	Dt : 11/12/2000				
12	IN/PCT/2002/00668/DEL	PCT/RU01/00097	2000108232 dt. 3/4/2000 Russia.	Russia	OTKRYTOE AKTSIONERNOE OBSHESTVO "NAUCHNO- ISSEDOVATELSKY I PROEKTNY INSTITUT KARBAMIDA I PRODUKTOV ORGANICHESKOGO SINTEZA" (OAO NIIK) Russia.	Nozzle for a vertical chemical reactor.
	Dt : 4/7/2002	Dt : 5/3/2001				
13	IN/PCT/2002/00669/DEL	PCT/EP01/00386	MI2000A000056 dt. 18/1/2000 Italy.	Italy	INDENA S.P.A. Italy.	Semi-Synthetic taxanes with antitumor and antiangiogenic activities.
	Dt : 4/7/2002	Dt : 15/1/2001				
14	IN/PCT/2002/00670/DEL	PCT/SE00/02486	0000211-3 dt. 25/1/2000 Sweden.	France	OLOVSON, Gudmar, France.	Needle protecting Arrangement.
	Dt : 4/7/2002	Dt : 11/12/2000				
15	IN/PCT/2002/00671/DEL	PCT/SE01/00130	0000229-5 dt. 25/1/2000 Sweden.	Sweden	Aneo AB, Sweden.	Multi-modular arrangement for anaesthesia.
	Dt : 4/7/2002	Dt : 24/1/2001				
16	IN/PCT/2002/00672/DEL	PCT/EP01/01511	00301081.6 dt. 11/2/2000 EP	Netherlands	Kraton Polymers Research B.V., Netherlands.	A process for removing hydrogenation catalyst residue from hydrogenated polymers.
	Dt : 4/7/2002	Dt : 9/2/2001				
17	IN/PCT/2002/00673/DEL	PCT/JP01/00271	2000-007533 & 2000-392303 dt. 17/1/2000 & 25/12/2000 Japan.	Japan	Teijin Limited, Japan.	Benzimidazole derivative.
	Dt : 5/7/2002	Dt : 17/1/2001				

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|----|-----------------------|----------------|----------------------------------|--------------------------------|--|--|
| 18 | IN/PCT/2002/00674/DEL | PCT/US01/00552 | 60/174,880 dt.<br>7/1/2000 USA.  | United<br>States of<br>America | Monsanto<br>Technology LLC,<br>USA.                    | Nucleic acid<br>molecules and<br>other molecules<br>associated with<br>soybean cyst<br>nematode<br>resistance. |
|    | Dt: 5/7/2002          |                | Dt: 5/1/2001                     |                                |  |  |
| 19 | IN/PCT/2002/00675/DEL | PCT/US01/00796 | 09/481,207 dt.<br>11/1/2000 USA. | United<br>States of<br>America | The Curators of the<br>University of<br>Missouri, USA. | Novel substituted<br>benzimidazole<br>dosage forms<br>and method of<br>using same.                             |
|    | Dt: 5/7/2002          |                | Dt: 10/1/2001                    |                                |  |  |

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00676/DEL Dt : 8/7/2002	PCT/JP99/06950 Dt : 10/12/1999	PCT/JP99/06950 DT. 10/12/1999	Japan	JGC Corporation, Japan.	Petroleum processing method and apparatus.
2	IN/PCT/2002/00677/DEL Dt : 8/7/2002	PCT/GB01/00097 Dt : 12/1/2001	0000712.0 dt. 14/1/2000 British.	United States of America	Flexitallic Investments Incorporated, USA.	Gaskets.
3	IN/PCT/2002/00678/DEL Dt : 8/7/2002	PCT/US01/46745 Dt : 8/11/2001	09/721.233 dt. 22/11/2000 USA.	United States of America	GE Medical Systems Global Technology Company LLC, USA.	Application development system for a medical imaging system.
4	IN/PCT/2002/00679/DEL Dt : 9/7/2002	PCT/JP01/10052 Dt : 16/11/2001	2000-349386 dt. 16/11/2000 Japan.	Japan	Tix Corporation, Japan.	Method of producing ball valve.
5	IN/PCT/2002/00680/DEL Dt : 9/7/2002	PCT/EP01/01808 Dt : 16/2/2001	00200548.6 dt. 17/2/2000 EP	Europe	Shell Internationale Research Maatschappij B.V., Netherlands.	Process for purifying A liquid hydrocarbon product.
6	IN/PCT/2002/00681/DEL Dt : 10/7/2002	PCT/KR01/00035 Dt : 10/1/2001	2000-938 dt. 10/1/2000 Korea.	Korea	CHO, Youn-Soo, Korea.	Liquid pressure transfer printing method of steering wheel rim for automobile and masking tape cutting apparatus used therefor.
7	IN/PCT/2002/00682/DEL Dt : 10/7/2002	PCT/JP01/09927 Dt : 13/11/2001	2000-345580 dt. 13/11/2000 Japan.	Japan	Daikin Industries, Ltd., Japan.	Air conditioning system.
8	IN/PCT/2002/00683/DEL Dt : 10/7/2002	PCT/GB01/00255 Dt : 22/1/2001	0001475.3, 0002854.8, 0100288.0 & 0100430.8 dt. 21/1/2000, 8/2/2000, 5/1/2001 & 6/1/2001, GB	United Kingdom	Biovex Limited, UK.	Herpes Virus Strains for gene therapy.

9	IN/PCT/2002/00684/DEL	PCT/FR01/00014	00/00137 dt. 6/1/2000 France.	France	Aventis Pharma S.A. France.	Novel therapeutic use of enoxaparin.
	Dt : 10/7/2002	Dt : 3/1/2001				
10	IN/PCT/2002/00685/DEL	PCT/GB01/00229	0001475.3, 0002854.8, 0100288.0 & 0100430.8 dt. 21/1/2000, 8/2/2000, 5/1/2001 & 6/1/2001 Great Britain.	United Kingdom	Biovex Limited, UK.	Virus strains for the oncolytic treatment of cancer.
	Dt : 10/7/2002	Dt : 22/1/2001				
11	IN/PCT/2002/00686/DEL	PCT/US01/05456	60/184271 dt. 23/2/2000 US.	United States of America	The Procter & Gamble Company, USA.	Granular laundry detergent compositions comprising zwitterionic polyamines.
	Dt : 11/7/2002	Dt : 21/2/2001				
12	IN/PCT/2002/00687/DEL	PCT/US01/04693	60/182,382 dt. 14/2/2000 US.	United States of America	The Procter & Gamble Company, USA.	Synthetic jet fuel and diesel fuel compositions and processes.
	Dt : 11/7/2002	Dt : 13/2/2001				
13	IN/PCT/2002/00688/DEL	PCT/US01/05582	60/185,676 dt. 28/2/2000 US.	United States of America	The Procter & Gamble Company, USA.	Acidic antimicrobial compositions for treating food and food contact surfaces and methods of use thereof.
	Dt : 11/7/2002	Dt : 22/2/2001				
14	IN/PCT/2002/00689/DEL	PCT/US01/05530	60/184,250 dt. 23/2/2000 US.	United States of America	The Procter & Gamble Company, USA.	Laundry detergent compositions comprising hydrophobically modified polyamines and nonionic surfactants.
	Dt : 11/7/2002	Dt : 21/2/2001				
15	IN/PCT/2002/00690/DEL	PCT/IB01/00428	0007884.0 dt. 31/3/2000 GB.	Great Britain	Pfizer Inc., USA.	Diphenyl ether compounds useful in therapy.
	Dt : 11/7/2002	Dt : 19/3/2001				
16	IN/PCT/2002/00691/DEL	PCT/IB01/00167	0003960.2 dt. 18/2/2000 GB.	Great Britain	Pfizer Inc., USA.	Purine derivatives.
	Dt : 11/7/2002	Dt : 9/2/2001				



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|----|-----------------------|-----------------|--|--------------------------------|--|--|
| 17 | IN/PCT/2002/00692/DEL | PCT/US01/01177  | 60/176,720 dt.<br>14/1/2000 USA.       | United<br>States of<br>America | Dow<br>Agrosciences<br>LLC, USA.                                 | 4-<br>Aminopicolinates<br>and their use as<br>herbicides.  |
|    | Dt : 12/7/2002        | Dt : 12/1/2001  |  |                                |  |  |
| 18 | IN/PCT/2002/00693/DEL | PCT/US01/04211  | 60/181,234 dt.<br>9/2/2000 US.         | United<br>States of<br>America | The Procter<br>& Gamble<br>Company,<br>US.                       | 2-Carboxamide-<br>benzimidazoles<br>useful in the<br>treatment and<br>prevention of<br>ischemic<br>reperfusion injury.                                   |
|    | Dt : 12/7/2002        | Dt : 8/2/2001   |  |                                |  |  |
| 19 | IN/PCT/2002/00694/DEL | PCT/US01/03336  | 60/179,505 dt.<br>1/2/2000 US.         | United<br>States of<br>America | The Procter<br>& Gamble<br>Company,<br>US.                       | Selective<br>crystallization of 3-<br>pyridyl-1-<br>hydroxyethylidene-<br>1,1-bisphosphonic<br>acid sodium as the<br>hemipentahydrate<br>or monohydrate. |
|    | Dt : 12/7/2002        | Dt : 1/2/2001   |  |                                |  |  |
| 20 | IN/PCT/2002/00695/DEL | PCT/US01/04212  | 60/181,236 dt.<br>9/2/2000 US.         | United<br>States of<br>America | The Procter<br>& Gamble<br>Company,<br>US.                       | 2-<br>phenylcarbamoyl-<br>benzimidazoles.  |
|    | Dt : 12/7/2002        | Dt : 8/2/2001   |  |                                |  |  |
| 21 | IN/PCT/2002/00696/DEL | PCT/RU00/00540  | 2000100619 dt.<br>14/1/2000<br>Russia. | Netherlands                    | International<br>VTI Group<br>Holding BV,<br>The<br>Netherlands. | Method for<br>producing<br>Nitrogenous-<br>Potash fertilizer.  |
|    | Dt : 12/7/2002        | Dt : 29/12/2000 |  |                                |  |  |

## IN/PCT APPLICATION DETAILS

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention
1	IN/PCT/2002/00697/DEL Dt : 15/7/2002	PCT/US01/05172 Dt : 15/2/2001	60/182,676 & 09/595,365 dt. 15/2/2000 & 16/6/2000 USA.	United States of America	ICN Pharmaceuticals, Inc., USA.	Nucleoside analogs with carboxamidine-modified bicyclic base.
2	IN/PCT/2002/00698/DEL Dt : 15/7/2002	PCT/US01/05227 Dt : 15/2/2001	09/505,416 dt. 16/2/2000 US.	United States of America	PPG Industries Ohio Inc., USA.	Gas barrier compositions having improved barrier properties.
3	IN/PCT/2002/00699/DEL Dt : 16/7/2002	PCT/FR00/03694 Dt : 27/12/2000	99/16713 dt. 30/12/1999 France.	France	Rhodia Polyamide Intermediates, France.	Method for purifying lactames.
4	IN/PCT/2002/00700/DEL Dt : 16/7/2002	PCT/US01/00520 Dt : 8/1/2001	09/487,815 dt. 18/1/2000 USA.	United States of America	Aventis Pharmaceuticals Inc., USA.	Ethanol solvate of (-)-CIS-2-(2-Chlorophenyl)-5,7-Dihydroxy-8[4R-(3S-Hydroxy-1-methyl)piperidinyl]-4H-1-benzopyran-4-one.
5	IN/PCT/2002/00701/DEL Dt : 16/7/2002	PCT/US01/00519 Dt : 8/1/2001	09/484,717 dt. 18/1/2000 USA.	United States of America	Aventis Pharmaceuticals Inc., USA.	Pseudopolymorph of ----- benzopyran-1-one.
6	IN/PCT/2002/00702/DEL Dt : 16/7/2002	PCT/US00/34805 Dt : 20/12/2000	09/477,048 dt. 31/12/1999 US.	United States of America	HEI, Inc., USA.	Interconnection device and method.
7	IN/PCT/2002/00703/DEL Dt : 16/7/2002	PCT/CN01/00067 Dt : 20/1/2001	00112680.6 dt. 4/2/2000 China.	China	HU, Shiqing and other, China.	Medicament for treating aseptic inflammations containing anemonin as effective components.

8	IN/PCT/2002/00704/DEL	PCT/JP01/00319	2000-10444 dt 19/1/2000 Japan.	Japan	Yanmar Co.Ltd., and other, Japan.	Cabin of Backhoe.
	Dt : 16/7/2002	Dt : 18/1/2001				
9	IN/PCT/2002/00705/DEL	PCT/FR00/03759	99/163704 dt. 30/12/1999 France.	France	Allani Ferid, France.	Method and device for accessing information sources and services on the web.
	Dt : 17/7/2002	Dt : 29/12/2000				
10	IN/PCT/2002/00706/DEL	PCT/US01/02118	06/209,799 & 09/620,216 dt. 7/6/2000 & 20/7/2000 USA.	Israel	Yeda Research and Development Co.Ltd., Israel.	The use of Copolymer 1 and related peptides and polypeptides and T cells treated therewith for protecting CNS cells from glutamate toxicity.
	Dt : 19/7/2002	Dt : 22/1/2001				
11	IN/PCT/2002/00707/DEL	IN/PCT/2002/00305/DEL	2000-13184 dt. 21/1/2000 Japan.	Japan	Dream Technologies Corporation, Japan.	A control method for starting application software on a computer.
	Dt : 19/7/2002	Dt : 18/3/2002				
12	IN/PCT/2002/00708/DEL	PCT/IB01/00079	60/177,351 & 60/255,826 dt. 24/1/2000 & 17/8/2000 USA.	Australia	Kinacia Pty Ltd., Australia.	Therapeutic morpholino- substituted compounds.
	Dt : 19/7/2002	Dt : 24/1/2001				
13	IN/PCT/2002/00709/DEL	PCT/GBC1/00388	0002391.1 dt. 2/2/2000 UK.	United Kingdom	Sucliffe Play Limited, UK.	Safety tiles for paving a playground area.
	Dt : 19/7/2002	Dt : 31/1/2001				
14	IN/PCT/2002/00710/DEL	PCT/US01/02715	60/178,588 dt. 28/1/2000 USA.	United States of America	Omegatech, Inc., USA.	Enhanced production of lipids containing polyenoic fatty acids by high density cultures of eukaryotic microbes in fermentors.
	Dt : 19/7/2002	Dt : 26/1/2001				
15	IN/PCT/2002/00711/DEL	PCT/US01/01806	60/177,125 dt. 19/1/2000 USA.	United States of America	Omegatech, Inc., USA.	Solventless extraction process.
	Dt : 19/7/2002	Dt : 19/1/2001				

## ALTERATION OF DATE

The Application for Patent No. 190437 (1078/MUM/2000) dated 28-11-2000 has been ante-dated to 11-01-1996 Under Section 16 of the Patents Act, 1970.

190492 (414/MUM/2001) ante-dated to 15-09-2000.

The Application for Patent No. 190496 (554/MUM/2001) dated 18-06-2001 has been ante-dated 06-03-2000 Under Section 16 of the Patents Act, 1970.

The Application for Patent No. 190498 (981/MUM/2001) dated 08-10-2001 has been ante-dated to 08-09-99 Under Section 16 of the Patents Act, 1970.

## ALTERATION OF DATE UNDER SECTION 16

190509 (40/CAL/2002) Ante-dated to 18th May, 1999.

190510 (42/CAL/2002) Ante-dated to 18th May, 1999.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent Rules, 2003 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within two months from the date of notice of opposition prescribed in Rule 57 as amended by the Patents Rules, 2003.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 4/- per page of such document.

## अभिगृहित संपूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने वाले व्यक्ति इसके निर्गमन की तिथि से 4 महीने के भीतर अथवा उक्त 4 महीने की अवधि के समाप्ति के पूर्व यदि प्ररूप 4 में पेटेंट नियमावली, 2003 के तहत प्राविहित रूप में आवेदित हो, तो ऐसी अग्रिम अवधि जो 1 महीने से अधिक न हो, के भीतर ऐसे विरोध की सूचना प्राविहित प्ररूप 7 पर उपयुक्त कार्यालय में नियंत्रक, एकस्व को दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ संशोधित पेटेंट नियमावली, 2003 में यथा प्राविहित नियम 57 में विरोध की सूचना की तिथि से 2 महीने के भीतर फाईल किए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

ऐसी परिस्थिति में जब विनिर्देश की टंकित प्रति उपलब्ध न हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय एवं उसके शाखा कार्यालयों से उक्त दस्तावेज के यथाविहित फोटोप्रति शुल्क रुपए 4/- प्रति पृष्ठ की अदायगी पर की जा सकती है।

190451

**IND. CL.** : 67 B

**INT. CL.** : G08 B 02/00

**TITLE** : **BEDWETTING ALERT ALARM**

**APPLICANT & INVENTOR** : 1. RAMESH KANAIIYALAL MEHTA  
GIRIRAJ CHOWK,  
JAFRABAD-365 540.

2. AKSHAY KANTILAL BHAYAMI  
C-1/3, NCCL COLONY,  
JAFRABAD-365 540.

Application No. : 46/BOM/1999 FILED ON JAN 18, 1999.

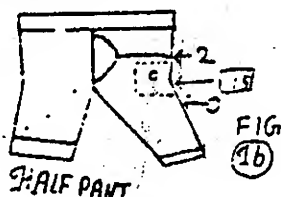
Complete after provisional filed on JAN 17, 2000.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI-400 013.

### 08 CLAIMS

The bed wetting alarm is comprising of :

- A sensitive pad either in form of mat, panty or diaper consisting a set of closely running parallel conductors woven on a piece of cloth where alternate conductors are connected together and terminated to a male / female connector;
- An electronic circuit consisting of a quad 2 input NAND gates with Schmitt inputs 4093, transistor BC 547 & 187 & resistant R connected in circuit, the said electronic circuit is powered by a miniature battery of 1.5 V TO 4.5 V gets its input from the sensitive pad through a male / female connector;
- A buzzer, one end of which is connected to positive supply of the battery & other end connected to the said electronic circuit.



Prov. Specn. 2 pages  
Comp.specn. 5 pages

Drgs. 1 sheet  
Drgs. 2 sheets.

190452

IND. CL. : 163 B2

INT. CL. : F 01 C- 001/00

TITLE : APPARATUS ADAPTED TO PERFORM AS COMPRESSOR MOTOR, PUMP AND INTERNAL COMBUSTION ENGINE.

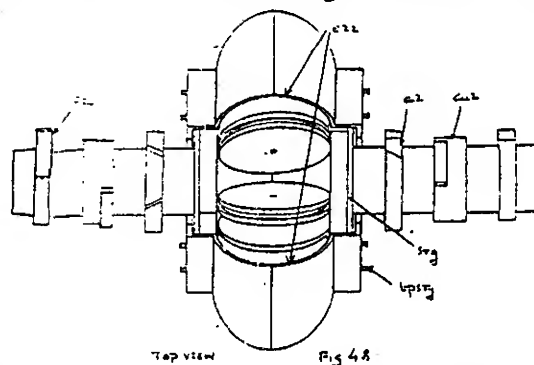
APPLICANT & INVENTORS: DAS AJEE KAMATH, A-601, DHERAJ GAURAV HEIGHTS BUILDING NO.2, A-WING 6<sup>TH</sup> FLOOR, NEW LINK ROAD, ADARSH NAGAR, ANDHERI (WEST), MUMBAI 400 053, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

APPLICATION NO : 102/BOM/1999 FILED ON 10.02.1999  
Complete specification filed after provisional specification on 28.04.1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 09 CLAIMS

A rotary apparatus, adapted to perform as, compressor, pump, motor or an internal combustion engine, comprising of two identical vanes, two hollow cylindrical sleeves, hollow cylindrical liner, cams and associated linkages, couplings, shaft, clutch and braking arrangement; said vanes are fitted on to the curved surface of the sleeves, one vane on each sleeve, at one end such way that the vanes are radial to sleeve's curved surface and half of the vane's surface protrudes out of the sleeve's end and said ends fitted with vanes are placed adjacent, with the vanes angularly displaced so that said vanes are displaced from each other by a defined angle at all times; said sleeves so placed that their axis, the one passing through the center of their end surfaces, lay on one line; said curved surfaces where the vanes are attached on the sleeves, is such that it allows rotation of the adjacent vane and sleeve, about the said axis; a liner is provided along with the sleeve surface to form an enclosure; said liner's inner surface is contoured along the path traced by vane edge while rotating about the said axis; said vanes divide the said enclosure formed inside the liner into two sealed chambers and enclosure is sealed from spaces outside the enclosure; said two sleeves are coupled and uncoupled with a shaft by means of coupling arrangement actuated by cams placed on and/or driven by the sleeves; and also provided a braking arrangements actuated by said cams such that each vane is held at a predetermined position, and the vanes are free to rotate through an defined angle alternately and/or independently.



190453

**IND. CL.** : 88 D

**INT. CL.** : F 02 C 07 /193

**TITLE** : AN APPARATUS FOR AUTOMATIC TESTING AND DISCRIMINATION OF VALVE SEAT LEAK AND O-RING LEAK FROM LPG CYLINDER VALVES OF THE SELF CLOSING TYPE.

**APPLICANT** : YUNUS PATEL,  
BALMAD BUILDING,  
GROUND FLOOR, FLAT NO. 1,  
20, MARATHA MANDIR ROAD,  
BOMBAY CENTRAL,  
BOMBAY - 400 008,  
MAHARASHTRA, INDIA.

**INVENTOR(S)** : IDEM

**APPLICATION NO** : 183/ BOM /99 FILED ON : 17.03.99

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

An apparatus for automatic testing and discrimination of valve seat leak and O-ring leak from LPG cylinders valve of the self closing type and ejecting the cylinders with leaky valves on separate outlets depending upon whether the leakage is from the valve seat or from the valve on separate outlets depending upon whether the leakage is from the valve seat or from the valve O-ring comprising:

- a support structure,
- a conventional pneumatic circuit mounted on a control panel enclosure in said support structure,
- an attachment arm mounted on the support structure and capable of vertical movement,
- a testing head mounted on the attachment arm,
- a pneumatic actuator connected to the said pneumatic circuit to move said attachment arm vertically up and down,
- first output from said testing head is connected to said pneumatic circuit through a pilot valve for signaling the detection of leak, second output of the testing head connected to the pneumatic circuit for indicating successful attachment of the head to the cylinder under test,
- an input from the pneumatic circuit to said head for enabling or disabling the testing of O-ring leak,
- pneumatic outlet stoppers mounted on said support structure, at least one on each side of

the conveyor line, for stopping the cylinder under the testing head,

- pneumatic inlet stopper mounted on said support structure for restraining the cylinders behind the cylinder under test on the conveyor line,
- pneumatic pusher mounted on said support structure provided perpendicular to said conveyor line for ejecting the cylinders with valve seat leak,
- a pneumatic limit switch mounted below said test head on the support structure for testing the presence of the cylinder under said testing head,
- characterized in that said testing head has an inlet passage for providing the air to sense the O-ring leak permitting the O-ring sensing to be enabled or disabled by said pneumatic circuit externally,
- an additional pusher is provided on said support structure perpendicular to said conveyorline for ejecting the cylinder with O-ring leak, and
- a second pneumatic limit switch is mounted on said additional pusher for sensing the presence of the cylinder in front of said additional pusher.

**Complete Specification: 11 Pages;**

**Drawings 09 Sheets.**



INFORMATION

190454

**IND. CL.** : 130 F

**INT. CL.** : B 29 C 045/23

**TITLE** : NOZZLE FOR INTRODUCING LIQUID METAL INTO A MOULD FOR THE CONTINUOUS CASTING OF METALS.

**APPLICANTS** : USINOR OF IMMEUBLE  
LA PACIFIC - LA DEFENSE,  
7-11/13, COURS VALMY  
92800 - PUTEAUX, FRANCE AND  
VESUVIUS FRANCE OF 68 RUE PAUL DEUDON,  
59750 - GEIGNIES, FRANCE, FRENCH COMPANY.

**INVENTOR** : 1. FABIENNE ORIHÉL  
2. BERNARD GONCALVES  
3. LAURENT GACHER  
4. FREDERIC DESCAGES  
5. JOHN RICHAUD

**APPLICATION NO.** : 219/BOM/1999 **FILED ON** : 25.03.1999

**PRIORITY NO.** 9804706 DATED 16.04.98 OF FRANCE.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI-13.

**08 CLAIMS.**

A nozzle for introducing a liquid metal into a mold for continuously casting a metal, comprising :

a tubular first part having one end for connection to a vessel containing said liquid metal, and an opposite end including a hollow second part of elongate shape having an internal space which is oriented approximately perpendicular to said tubular first part, said hollow part having a bottom wall provided with one or more outlet orifices, wherein said second hollow part includes a bar provided with holes disposed across the internal space of said hollow part so that liquid metal flowing through said nozzle must necessarily pass through said bar holes before passing through said outlet orifices.

**Complete Specification** : 14 Pages;

**Drawings** 01 Sheet.

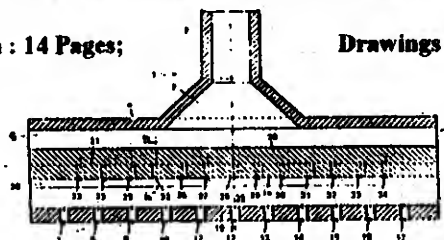


FIG 1a

190455

**IND. CL.** : 32 F3(d)  
**INT. CL.** : C 08 G- 65/38, 65/44, 65/46  
**TITLE** : A PROCESS OF PRODUCING POLYETHER ETHER KETONE POLYMER  
**APPLICANT** : GHARDA CHEMICALS LTD., MIDC, B-27/29, PHASE 1, DOMBIVLI (E) 421 203, DIST. THANE, MAHARASHTRA, INDIA. AN INDIAN COMPANY  
**INVENTORS** : (1) KEKI HORMUSJI GHARDA  
(2) PRAKASH DRUMAN TRIVEDI  
(3) VENKAT SRINIVASAN IYER  
(4) UTPAL MAHENDRA VAKIL  
(5) SANJAY CHINTAMAN LIMAYE

**APPLICATION NO** : 333 BOM 1999 FILED ON 04.05.1999

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 10 CLAIMS

A process of producing polyether ether ketone polymer (PEEK) from phenoxy phenoxy benzoic acid (PPBA) comprising the following steps:

- (a) charging sulphonic acid as solvent in a reactor and heated to 40° C to 160° C;
- (b) adding free flowing phosphorous pentoxide as a condensing agent into the reactor under stirring till phosphorous pentoxide is dissolved;
- (c) adding phenoxy phenoxy benzoic acid in the mixture of step (b);
- (d) polymerizing phenoxy, phenoxy benzoic acid in the reactor at the said temperature for 12 hours to achieve inherent viscosity 0.5 to 1.4 dl/g determined in 98% sulphuric acid at 25° C at 0.2% concentration.
- (e) adding end-capping agent;
- (f) precipitating the said polyether ether ketone polymer diluting by alkane sulphonic acid;
- (g) filtering the residue to obtain crude polyether ether ketone polymer;
- (h) washing the residue of step (g) with water to leach out excess of alkane sulphonic acid;
- (i) filtering the precipitate and drying it;
- (j) treating with end capping agent to reduce carbinol moieties on the polyether ether ketone (PEEK) at reflux of the reducing agent to obtain pure polyether ether ketone polymer.

190456

**IND. CL.** : 99 H

**INT. CL.** : B 65 D- 81/ 28

**TITLE** : INSULATED STORAGE CONTAINER

**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY.

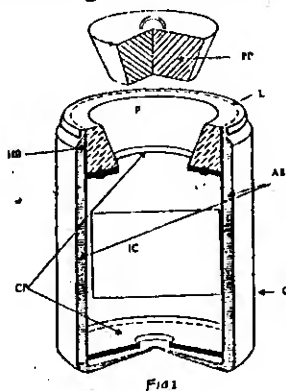
**INVENTORS** : (1) VIJAY MUKUND NAIK  
(2) VIJAY RAMAKRISHNAN

**APPLICATION NO** : 340 BOM 1999 FILED ON 06.05.1999  
Complete specification filed after provisional specification on  
08.05.2000.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 25 CLAIMS

An insulated storage container to retain the temperature of the perishable food articles stored therein between  $10^{\circ}\text{C}$  and  $-80^{\circ}\text{C}$ , comprising an outer envelope and an inner cavity adapted to hold the objects to be stored, the said outer envelope and inner cavity being separated by a region of sub atmospheric pressure being upto 500 Pa, and the said inner cavity and outer envelope being connected by an integral or specially inserted heat barrier and the said inner cavity adapted to be maintained cool in the temperature range of  $10^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  comprising at least one of a cooling means for continued cooling of said inner cavity or means for precooling of said cavity for maintaining the desired low temperature.



Prov.specn. 13 pages  
Comp.specn. 18 pages

Drawings : Nil  
Drawings: 01 sheets

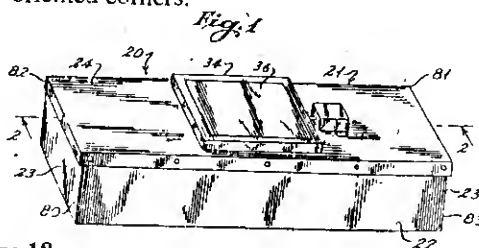
190457

**IND. CL.** : 6 B 3 [XLVII]  
 196 B 2 [XXVI]  
**INT. CL.** : F 24 F 3/16  
**TITLE** : AIR PURIFICATION APPARATUS.  
**APPLICANT** : ENVIRCO CORPORATION.  
 6701, JEFFERSON NE,  
 ALBUQUERQUE,  
 NEW MEXICO 87109,  
 UNITED STATES OF AMERICA.  
**INVENTORS** : 1. WILLIAM J. LEADER.  
 2. DENNIS K. SMITH.  
**APPLICATION NO.** : 1078 MUM 2000 **FILED ON** : 28-11-2000  
**PRIORITY NO** : 08/373,941 **DATED** : 13-01-1995 OF U.S.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 05 CLAIMS

An air purification apparatus comprising a housing having opposite sidewalls and opposite end walls which define a first pair of diagonally oriented corners and a second pair of diagonally oriented corners, an upper and a lower portion, the housing defining an interior plenum chamber with an opening defining an inlet into the plenum chamber and an opening forming a discharge outlet from the plenum chamber, a blower means for directing air from the inlet to the outlet, means for rotating the blower means, a filter mounted within the plenum chamber, a first baffle having opposite sides and opposite ends mounted within the plenum chamber between the inlet and the filter, the ends of the baffle being spaced from the end walls of the housing, and the blower means and first baffle directing airflow along the sidewalls toward the second pair of diagonally oriented corners, characterized in that a pair of first deflector means extending inwardly of the plenum chamber from each of the sidewalls of the housing adjacent to but spaced from the first pair of diagonally oriented corners, said first deflector means having a first portion spaced from an adjacent end wall of the housing and a second portion angled toward said adjacent end wall of the housing, and second air deflector means extending inwardly of the plenum chamber from each of the sidewalls adjacent to but spaced from the second pair of diagonally oriented corners, said second deflector means having a first portion spaced from an adjacent end wall and a second portion angled toward said adjacent end wall, whereby as air is directed generally radially outwardly with respect to the first baffle, airflow will be directed by said first and second deflector means away from said first and second diagonally oriented corners.



Complete specification: 18 pages,

Drawings: 03 Sheets

190458

IND. CI : 83 A

INT. CL. : A 23 G 9/00

TITLE : A PROCESS FOR PREPARING FROZEN AERATED CONFECTION.

APPLICANT : HINDUSTAN LEVER LIMITED,  
HINDUSTAL LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MUMBAI – 400 020.  
MAHARASHTRA, INDIA.INVENTOR. : 1. DANIEL ADRIAN.  
2. FOSTER TIMOTHY JOHN.  
3. LUNDIN LEIF ORJAN.  
4. NORTON I AN TIMOTHY.  
5. SUTTON ROBIN.

APPLICATION NO. : 1155/MUM/2000 FILED ON DECEMBER 22, 2000.

PRIORITY DATA 993053.10 DATED 23.12.99 OF U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 139- CLAIMS.

A process for preparing frozen aerated confection, containing no orchid product, said aerated frozen confection being characterized by an overrun of 15% to 80% and comprising mixing 0.4% to 0.9% (w/w) of polysaccharides selected from the group consisting of xanthan gum, guar gum, CMC or any mixture thereof and 1% to 5% of protein selected from the group consisting in milk protein, soya protein, whey protein or any mixture thereof having an extensibility preferably of more than 50%.

COMPLETE SPECIFICATION 21 PAGES; DRAWINGS - 3 SHEETS.

190459

IND. CL. : 32 F2b  
INT. CL. : C 07 H 17/08  
TITLE : AN IMPROVED PROCESS FOR THE PREPARATION OF  
HYGROSCOPIC AZITHROMYCIN MONOHYDRATE  
APPLICANT : ALEMBIC LIMITED, ALEMBIC ROAD, VADODARA 390 003,  
GUJARAT, INDIA. AN INDIAN COMPANY.  
INVENTOR : DR.SRINIVASAN RENGARAJU  
APPLICATION NO : 96/MUM/2001 FILED ON 29.01.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### **04 CLAIMS**

An improved process which avoid the use of chlorinated solvents in the process for preparation of hygroscopic azithromycin monohydrate comprising the following steps:

- a) Dissolving 9-Deoxo-9a-aza-homoerythromycin A in acetone;
- b) Adding formic acid solution followed by adding formaldehyde and refluxing;
- c) Adjusting the pH of the reaction mixture after completion of the reaction to 10.5 using sodium hydroxide;
- d) Adding water to the filtered acetone solution to precipitate hygroscopic azithromycin monohydrate in the form of cubical crystals;
- e) Filtering the hygroscopic azithromycin monohydrate crystals and drying under vacuum.

Comp.specn. 05 pages

Drawings: 02 sheets

190460

IND. CL. : IE

INT. CL. : C 08 B 31/12

TITLE : AN IMPROVED PROCESS FOR PRODUCING PYROGEN  
FREE HYDROXY ETHYL STARCH (HES).

APPLICANT : CLARIS LIFESCIENCES LIMITED,  
CORPORATE TOWERS,  
NR. PARIMAL CROSSING,  
ELLISBRIDGE,  
AHMEDABAD 380 006,  
GUJARAT, INDIA. AN INDIAN COMPANY.

INVENTOR(S) : BHALJA KALPESII MOHANLAL

APPLICATION NO : 145/MUM/2001 FILED ON : 08.02.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES  
2003), PATENT OFFICE BRANCH, MUMBAI- 13.

#### 08 CLAIMS

1. An improved process for producing pyrogen free Hydroxy Ethyl Starch (HES) comprising the following steps:

- i) washing of the waxy starch with alkali for reducing its protein contents to less than 0.2% w/w,
- ii) hydrolyzing the low protein waxy starch, of the step (i), using hydrochloric acid at temperature of 45° C to 50° C, over a period of 8 to 10 hours to achieve molecular weight between 185000 to 560000,
- iii) neutralizing the hydrolyzed starch, of the step (ii), using alkali to obtain pH 4.5 to 7.5 and centrifuging, to wash off excess salt generated,
- iv) adding alkali to the washed hydrolyzed starch, of the step (iii), to obtain pH 11.5 to 13 and reacting for 2 to 3 hours with ethylene oxide in the concentration between 13% to 25% by weight at 45° C -- 55° C for hydroxyethylation to achieve molar substitution from 0.45 to 0.8,
- v) neutralizing the liquid after hydroxyethylation reaction of the step (iv), using hydrochloric acid to obtain pH 5 to 6.5,
- vi) extracting HES after precipitating the neutralized liquid of the step (v), using organic solvent,
- vii) repeating the solvent extraction of the step (vi) till chloride content is less than 0.8% and glycol content is less than 0.1%,
- viii) dissolving HES precipitate of the steps (vi)/ (vii) in water to obtain concentration of 10 – 20% w/v and adding activated charcoal 0.3 – 1.2% w/v and filter pad to obtain clear and almost colorless liquid HES,
- ix) micro filtering the liquid HES of the step (viii) to reduce microorganism (bioburden) load and ultra filtering to reduce any pyrogen, salt and glycol present in liquid HES,
- x) drying the filtered liquid HES solution preferably using spray dryer to obtain powder HES,

Comp. Specn. 12 Pages;

Drgs.-Nil.

190461

IND. CL. : 136 I

INT. CL. : E 04 B 2/00

TITLE : A METHOD FOR PRODUCING STRUCTURAL  
PANEL OF INDEFINITE LENGTH AND AN  
APPARATUS THEREFOR.

APPLICANT : KENNETH LIDSAY PAGDEN  
5, CUDGERIE AVENUE,  
LEETON, NEW SOUTH WALES,  
2705 AUSTRALIA.

INVENTOR(S) : IDEM

APPLICATION NO : 83/BOM/1998 FILED ON : 17.02.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 19 CLAIMS

A method for producing a structural panel of indefinite length for use inter alia in the manufacture of pallets and building panels, said method comprising the steps of preparing a settable mixture of an organic particulate base material consisting at least predominantly of rice hull and a binder, conveying said mixture in a flowable state to a load chamber, progressively forcing said mixture from the load chamber through an inlet toward an outlet of an open ended mould chamber of substantially constant cross section by compression means, at least partially curing the mixture within the mould chamber, resisting movement of the mixture through the mould chamber until a predetermined consolidation pressure and density within the mould chamber is achieved, subsequently allowing movement of the mixture through the mould chamber in response to further mixture being forced through the inlet by the compression means and allowing the mixture to cure, and thereby progressively forming a structural panel of substantially indefinite length.

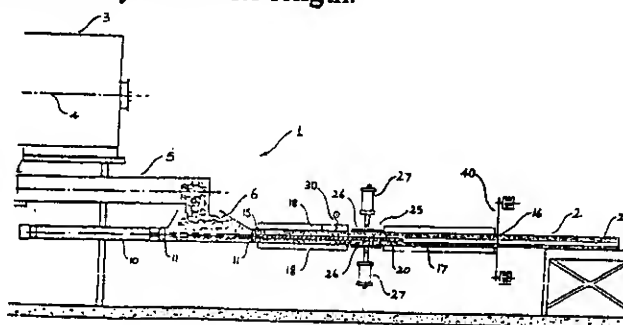


FIGURE 1

Complete Specification: 23 Pages; Drawings 05 Sheets.



190462

**IND. CL.** : 168 F [LI (4)]

INT. CI : G 09 G, 3/00  
13/32  
G 09 F 9/30

**TITLE** : ELECTRIC DISPLAY APPARATUS.

**APPLICANT** : PMC CO., LTD., & HAYASHIBARA  
BIOCHEMICAL LABORATORIES, INC.  
7-1-2, EBISUMACHI-KITA,  
OHGAKI-SHI, GIFU-KEN,  
JAPAN, JAPANESE CO.

**INVENTORS** : 1. TADAHIRO OHKURA.  
2. KOSUKE SUGIYAMA.  
3. SHIGENOBU HOSONO.

**APPLICATION NO. : 105 BOM 1998      FILED ON : 27-02-1998**

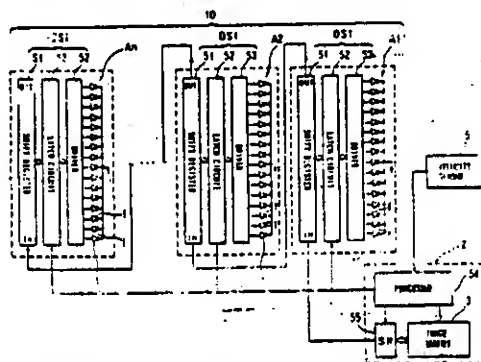
**PRIORITY NO** : 9-48301  
10-25811

**DATED :** 03-03-1997  
06-02-1998**OF JAPAN**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### **13 CLAIMS**

An electric display apparatus comprising an electric display portion in which a plurality of emitters are disposed in a dot matrix method, and a control portion for selectively and successively making said plurality of emitters in said electric display portion emit light, wherein said emitter comprises a light emitting diode emitting a light having a directivity and a lens disposed apart from said light emitting diode at a predetermined distance and diffusing said light having a directivity emitted from said light emitting diode.



**FIG. 2**

**Complete specification: 22 pages,**

**Drawings: 09 Sheets**

190463

**IND. CL.** : 40 B[ IV (1) ]  
**INT. CL.** : B 01 J - 31/ 20, B 01 J - 31/ 28  
**TITLE** : IMPROVED CATALYTIC PROCESS FOR CONVERSION OF PYRUVATE TO L-LACTATE USING HYDROGEN FOR REGENERATION OF NAD + FROM NADH.  
**APPLICANT** : DORF KETAL CHEMICALS INDIA PVT.LTD., 205,THE SWING, MARVE ROAD, MALAD,(WEST), MUMBAI 400 064, MAHARASHTRA, INDIA. AN INDIAN COMPANY.  
**INVENTORS** : (1) SUMIT BHADURI  
(2) PRADEEP MATHUR  
**APPLICATION NO** : 139 BOM 1998 FILED ON 16.03.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 03 CLAIMS

Improved catalytic process for continuous regeneration of NAD<sup>+</sup> from NADH and full conversion of pyruvate to optically pure L-Lactate involving reaction of hydrogen, pyruvate, NAD<sup>+</sup>, L-LDH and salt of platinum carbonyl cluster in a biphasic system at ambient pressures and temperatures while said mixture is being stirred and hydrogen gas being passed there through and wherein said platinum carbonyl cluster comprises of any one or combination of complexes of the general formula [Dye (Pt (CO) ] where n=4, 5, 6, 10 and Dyer methylene blue( a=), methyl viologen (a=) or any other redox active dye in a biphasic system at ambient pressures and temperatures for continuous regeneration of NAD<sup>+</sup> from NADH involving reaction of hydrogen with said mixture and salt of platinum carbonyl cluster and wherein the PH of water layer varies anywhere between 6 to 8 and that of phosphate buffer close to 7 and which when analysed by proton n.m.r. showed full conversion of pyruvate to L-Lactate.

190464

IND. CL. : 146 C

INT. CL. : G 06 F-1/ 00

TITLE : AN APPARATUS FOR SCRUTINIZING A DOCUMENT USING A  
SCANNED IMAGE.

APPLICANT : TATA CONSULTANCY SERVICES.( A DIVISION OF TATA  
SONS LIMITED) BOMBAY HOUSE, SIR HOMI MODY  
STREET, MUMBAI 400 023, MAHARASHTRA, INDIA. AN  
INDIAN COMPANY.

INVENTORS : 1. CHIRUVOLU VENKETA KAMESWARA RAO  
2. TUSHAR CHANDRAKANT BANKAR

APPLICATION NO : 152/BOM/1998 FILED ON 17.03.1998.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

An apparatus for scrutinizing a scanned document image for the presence or absence of items using a pre-defined layout or master document comprising:

data capturing means for capturing and storing a pre-defined layout or master document and the document to be scrutinized including scanning means to scan a document to be scrutinized and storing the scanned image in a RAM location;

display means for displaying the data on a video display surface in the pre-defined layout or master document and in the document to be scrutinized selected from a group consisting of a television monitor, a computer monitor, and a liquid crystal display;

storing means for storing the pre-defined layout or master document and the document to be scrutinized including the said ram location;

presetting definition means for presetting definition of position, size of area, type and nature of each of the items based on a display of the pre-defined layout or master document image and presetting the various items in the predefined layout or master document;

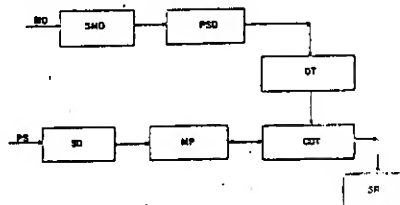


FIGURE -1

data storage means for storing preset definitions of position, size of area, type and nature of each of selected items in the data in the pre-defined layout or master document and in the document to be scrutinized;

viewing means for viewing the document to be scrutinized in order to define items of interest with the help of a mouse or keyboard or any other pointing device;

comparator means for determining the presence or absence of the contents in one or more of the items such as alphanumeric text, numerical text, signature, tick mark, thumb impression as the case may be based on the number of successive scan lines with a number of zero crossings per scan line in a selected item's area in comparison with preset definition of the pre-defined layout or master document;

displaying means for the results of the scrutiny for evaluation and onward processing..

Comp.specn. 15 pages

Drawings 06 sheets

190465

IND. CL. : 146 C

INT. CL. : G 06 F 11/00

TITLE : AN APPARATUS FOR VALIDATING CAPTURED DATA.

APPLICANT : TATA CONSULTANCY SERVICES,  
(A DIVISION OF TATA SONS LIMITED),  
AN INDIAN COMPANY, BOMBAY HOUSE,  
SIR HOMI MODY STREET, MUMBAI 400 023,  
MAHARASHTRA, INDIA.

INVENTOR(S) : 1. CHIRUVOLU VENKETA KAMESWARA RAO  
2. SAMPAT DHARMESH KISHANSINH  
3. PARAG VIJAY AHIRE

APPLICATION NO : 153/BOM/1998 FILED ON : 17.03.98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

Apparatus for validating data captured from a document comprising in combination:

data capturing means having optical character recognition for capturing and storing pre-defined layout or master document and the document to be validated;

data storage means for storing preset definitions of position, type and nature of each of various fields in the data in the pre-defined layout or master document and in the document to be validated;

display means for displaying the data on a video display surface in the pre-defined layout or master document and in the document to be validated;

defining means stored in a processing means for defining equations for validating fields of interest in the pre-defined layout or master document with the help of specified predetermined grammar rules thereby defining expressions in each of the fields and generating a list of such defined expressions;

comparator means for iteratively comparing the fields in the data in the document to be validated to validate the occurrence or nonoccurrence of expressions in conformity with the defined expressions in the pre-defined layout or master document and checking the result by viewing the document to be validated in order to accept field values from a reference data base or computed from the fields already validated to ensure and verify that the document to be validated satisfies all the defined expressions and thereby achieve nil data entry by repeatedly comparing the respective sorted expressions in the data in predefined-layout or master document and the document to be validated, highlighting means for highlighting any field in which there is non-conformity and correcting means for making the appropriate corrections in the field in the document to be validated by means of an inputting device until an error free validated and verified document is stored.

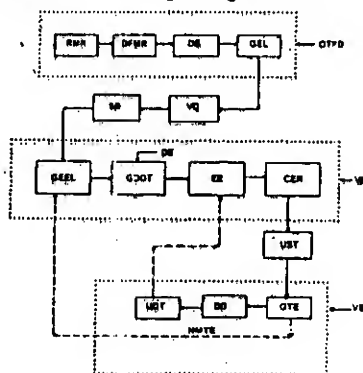


FIGURE 1

Complete Specification: 20 Pages; Drawings 09 Sheets.

IND. CL. : 170 D 190466  
INT. CL. : A 45 D- 33/00; 33/02  
TITLE : A CLEANSING BAR COMPOSITIONS  
APPLICANT : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY, RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY  
INVENTORS : (1) GAIL BETH RATTINGER  
(2) GEORGIA SHAFER  
(3) JAMES JOSEPH DALTON  
(4) MICHAEL MASSARO  
(5) HARRY CROOKHAM  
(6) MICHAEL PAUL ARONSON  
(7) TERENCE JAMES FARRELL

APPLICATION NO : 166/BOM/1998 FILED ON 23.03.1998.  
Priority No. 08/828,443 dated 28.03.1997 OF U.S.A.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003) | PATENT OFFICE BRANCH, MUMBAI - 13.

### 09 CLAIMS

1. A cleansing bar composition having :
  - (a) a par base comprising :
    - (1) 40% to 99% by wt. of a surfactant selected from the group consisting of soap, anionic surfactants, nonionic surfactants, amphoteric surfactants, cationic surfactants and mixtures thereof;
    - (2) 0.1% to 20% by weight water; and
    - (3) 0.1% to 80% structuring aid/filler; and
  - (b) 1% to 60% of a thickened carrier, emollient - containing composition comprising;
    - (1) 20% to 80% by wt. emollient composition polyalkylene glycol ;
    - (2) 5% to 40% by wt. emollient composition of benefit agent;
    - (3) 0.1% to 30% by wt. emollient composition thickening agent;
    - (4) 0% to 10% by wt. emollient composition water ; and
    - (5) 0% to 15% by weight emollient composition fatty acid/structure and fillers,.

wherein the emollient containing composition (b) comprises emollient droplets having an average size of 5 microns or greater; and

wherein the emollient droplets are entrapped in the said carrier and said entrapped emollients are present in a concentrated region having a width from one micron to the width of the bar and length from one micron to the length of the bar.

Comp.specn. 31 pages

Drawings :01 sheet

IND. CL. : 107 C 190467

INT. CL. : F 01 N 3/28

TITLE : A CATALYTIC CONVERTER FOR USE IN A VEHICLE.

APPLICANT : INDIAN OIL CORPORATION LIMITED,  
(A GOVT. OF INDIA UNDERTAKING),  
OF G-9, ALI YAVAR JUNG MARG,  
BANDRA (EAST),  
MUMBAI - 400 051.  
MAHARASHTRA, INDIA.  
AN INDIAN CO.

INVENTORS : 1. MUTHAN SUBRAMANIAN.  
2. PRADEEP PATANWAL.  
3. RAVINDER KUMAR MALHOTRA.  
4. NIRANJAN RAGHUNATH RAJE.

APPLICATION NO. : 181/BOM/1998 FILED ON : 25-03-1998

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON  
28-07-1998.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES  
2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 08 CLAIMS

A catalytic converter for use with the tail or emission pipe of an engine comprising a chamber having an inlet at one end and an outlet on the opposite end for introduction and exit of the exhaust gases having the pollutants entrained therein, first and second cones disposed in a spaced and parallel relationship to each other being provided within said chamber so as to define the first and second zones, a catalytic bed disposed in the space defined between said first and second cones such that the exhaust gases entering into said chamber flow radially through said catalytic bed, a diffuser section having an outlet being provided in said second zone, a conical member extending from said first cone into said diffuser section being provided for the reduction in the jet effect of the emission gases entering into said chamber.

Provisional specification: 10 pages, Drawings: 01 Sheets  
Complete specification: 11 pages, Drawings: 01 Sheets

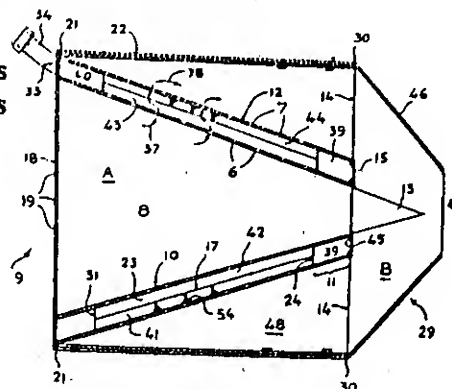


Fig. 1



**IND. CL.** : 129 N **190468**

**INT. CL.** : B 23 K 1/04

**TITLE** : AN IMPROVED PROCESS TO ACCOMPLISH BRAZING OF TWO MATERIALS WITH THE HELP OF MINIMAL SOLDERING OR BRAZING MATERIAL BY EVAPORATION PROCESS IN VACUUM.

**APPLICANT** : ESCOSOLAR SYSTEM (INDIA) LTD.  
117/2/A, PUNE-SINHGAD ROAD,  
PARVATI, PUNE – 411 030,  
MAHARASHTRA STATE, INDIA.

**INVENTOR(S)** : 1. DR. NITANT MATE  
2. DR. DEVENDRA GOYAL  
3. DR. PRADEEP BILURKAR

**APPLICATION NO :** 205/BOM/1998 **FILED ON :** 07.04.98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENT'S RULES 2003) , PATENT OFFICE BRANCH, MUMBAI – 13.

#### 01 CLAIMS

A process to accomplish brazing of two materials with the help of minimal soldering or brazing material comprising coating the brazing material by any of the film deposition method, particularly deposition of the brazing material over the metal surfaces to be joined by evaporation process in vacuum, in that the two component metals with deposition of brazing material obtained are brazed by heating the assembled component at a temperature beyond the melting point of the brazing material in vacuum or inert or reducing atmosphere.

**Complete Specification: 04 Pages;**

**Drawings NIL Sheets.**

IND. CL. : 146 190469

INT. CL. : G 06 F- 009/ 45

TITLE : AN APPARATUS OF UTILIZING A COMPUTER FOR SEMANTIC ANALYSIS OF COMPUTER PROGRAM TEXTS

APPLICANT : TATA CONSULTANCY SERVICES, ( A DIVISION OF TATA SONS LIMITED) BOMBAY HOUSE, SIR HOMI MODY STREET, MUMBAI 400 023, MAHARASHTRA , INDIA. AN INDIAN COMPANY.

INVENTORS : 1. HEMANT PANDE  
2. ASHOK SREENIVAS

APPLICATION NO : 209/BOM/1998 FILED ON 07.04.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

#### 14 CLAIMS

An apparatus for platform independent static semantic analysis of computer program texts comprising in combination:

instructions storage and processing means having an operating frequency of at least 100 mHz and a 16 mB RAM;

a data storage means having at least 1 Gigabyte storage;

displaying means for displaying image on a video display surface,

selected from a group consisting of a television monitor, a computer monitor, and a liquid crystal display;

a pointer device and an inputting device such as a mouse and a keyboard connected to the instructions storage and processing means;

a JAVA or JAVA type compiler means adapted to be loaded into the instructions storage and processing means;

a JAVA enabled browser means adapted to be loaded into the instructions storage and processing means;

at least one low level specification language for specifying static semantic analysis problem specifications in the form of queries;

at least one high level specification language for specifying static analysis problem specifications in the form of queries;

structural meta-models representing the internal structures of common programming languages such as C, C++, COBOL adapted to be stored in Case Data Inter-change Format;

at least one representation meta-model for control flow representation of program texts to be analysed adapted to be stored in Case Data Inter-change Format;

at least one representation model for data flow problem representation of program texts to be analyzed adapted to be stored in a Case Data Inter-change format'

at first converter means to convert program texts written in pre-determined languages to CDIF models in accordance with the said structural meta-models representing a suite of front ends for various languages in which programs to be analyzed are written;

a second converter means which converts meta-models in the CDIF to a program text in JAVA or like languages;

a third converter means to convert program texts and models created by the first converter means into an HTML (Hyper Text Mark-up Language) or like view;

a navigation, tracking and selection means for navigating the HTML view of a program text, tracking the navigation on the corresponding model of the program text being navigated and selecting required portions of the program text from the HTML view for the purpose of further processing;

editing means to create static semantic or data flow problem specifications in the said low level language and static analysis problem specifications using the queries in the low level language, the high level language and languages not higher than the high level language or a combination of languages stipulated herein and storing them in the instructions storage and processing means;

a fourth converter means to convert the static analysis problem specifications written in the said low level and high level languages to a set of program texts in JAVA or like languages and storing this set in the instructions storage and processing means;

an analysis meta-tool which can process static analysis problem specifications to create an instance of the problem, generate an analyzer tool to solve the problem proposed by a problem query and store the solution in an acyclic Information flow graph (AIFG);

the said editing means adapted to create static semantic analysis or data flow analysis problem specifications in the said low level language and static problem specifications using the queries in the low level language, the high level language and languages not higher than the high level language or a combination of languages stipulated herein and adapted to store them in the instructions storage and processing means;

the fourth converter means adapted to convert the problem specifications to a set of program texts in JAVA or like languages;

the compiling means adapted to compile the program texts of the static analysis problem specifications in JAVA to an executable file;

characterized in that in its operative configuration the program to be analyzed written in a particular language is loaded into the instructions storage and processing means; the front end for the language in which the program to be analyzed is written is selected and loaded from the suite of front ends created and using the selected front end and using the first converter means to convert the program text to be analyzed to its CDIF; the second converter means is used to convert meta-models to a program text in JAVA or like languages;

the third converter means is used to convert program texts to be analyzed in the CDIF along with its representative model into an HTML (Hyper Text Mark-up Language) or like view; the navigation, tracking and selection means is used to navigate over the HTML view of the program text under analysis, the navigation is tracked on the corresponding representative model of the program to be analyzed and to select required portions of the program text from the HTML view for the purpose of analysis; the navigation, tracking and selection means and the browser is used to navigate the HTML view of the static analysis problem queries a desired query is selected; the selected required portion of the program selected text to be analyzed and the selected query is transferred to the executable file for analysis; the executable file is used to create an instance of the problem with the help of the representation model for control flow and the representation model for data flow problem, on the selected required portion of the program text to be analyzed, to solve the problem proposed by the selected query and to obtain and store the solution in a readable form.

Comp.specn. 39 pages

Drawings 04 sheets

**IND. CL.** : 150 G[XLVIII(1)] **190470**

**INT. CL.** : F 16 J - 15/54

**TITLE** : A ROLLER JOURNAL SHAFT ASSEMBLY WITH MULTI SEGMENT SLEEVE FOR PULVERIZER

**APPLICANT & INVENTORS** : ABHAY VISHWAS RANADE, RATNAGIRI BUILDING, 104, EAST HIGH COURT ROAD, RAMDAS PETH, NAGPUR 440 010, MAHARASHTRA STATE, INDIA. AN INDIAN NATIONAL.

**APPLICATION NO** : 242/BOM/1998 FILED ON 23.04.1998.

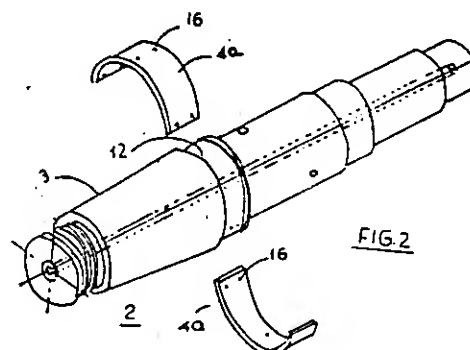
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### 01 CLAIM

A roller journal shaft assembly with multi segment sleeve for pulverizer comprising of a roller journal shaft having tapered trunnion seat at the upper end, a sleeve and oil seal provided on the shaft below the said tapered portion, a upper journal housing protecting the upper portion of the said shaft, the said shaft being extended downwardly through the said upper journal housing, a pair of bearings provided in a spaced apart manner over the said lower extended portion of the said shaft, a lower journal housing is provided to cover the said lower extended portion of the shaft, a locking nut provided for securing the lower free end of the shaft, a grinding roll mounted on the said lower end of the shaft characterized in that the said sleeve being made in multi segments and the said roller journal shaft being provided with a recess below its tapered trunnion seat for accommodating the said multi segment sleeve, a number of holes provided in the said segment sleeve for fixing the same over the said recess, the inner circumference of the said multi segment sleeve being circular or polygonal and accordingly the said recess being formed circular or polygonal.

Comp.specn.405 pages

Drawings:01 sheet



**IND. CI** : **170 B + D** **190471**

**INT. CL.** : **C 11 D 3/14.**

**TITLE** : **PROCESS FOR MANUFACTURING NON-LIQUID  
SYNERGISTIC ABRASIVE CLEANING  
COMPOSITIONS**

**APPLICANT** : **HINDUSTAN LEVER LIMITED,  
HINDUSTAN LEVER HOUSE,  
165/166, BACKBAY RECLAMATION,  
MUMBAI – 40020, MAHARASHTRA,  
INDIA.**

**INVENTORS** : **1) SURESH RAMAMURTHI  
2) KAMSU VENKATA SATHYANARAYANA MURTHY  
3) DEVADATTA SHIVAJI SANKHOLKAR**

**APPLICATION NO. :** 536/BOM/98 FILED ON 21.8.98

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13**

**41- CLAIMS.**

A process for the preparation of a non-liquid synergistic abrasive cleaning composition in the form of a paste or gel comprising:

- (a) 10-50% wt of at least one particulate abrasive;
- (b) 0.5-15% wt of a C2-C6 alkanolamine;
- (c) at least 0.1% wt of an electrolyte base other than alkanolamine;
- (d) 0.1-35% wt at least one surfactants; and
- (e) optionally, 0.1-20% wt of a solvent other than water or alkanolamine,

the process comprising

- a) in-situ generation of alkaline alumino silicate and making a dough containing surfactants and other particulate abrasives;
- b) characterized by the addition of alkanolamine and the electrolyte base followed by addition of other optional ingredients, followed by mixing to thereby obtain the composition.

Complete specification : 19 pages

Drawings : Nil

**IND. CL.** : 17 E [XIV (2)] **190472**

**INT. CL.** : C 12 N – 9/28

**TITLE** : AN ENZYMATIC HYDROLYSIS PROCESS FOR  
THE PRODUCTION OF LIQUEFACTS  
(MALTODEXTRINS) FROM TAPIOCA STARCH.

**APPLICANT** : IIT BOMBAY, INDIAN INSTITUTE OF TECHNOLOGY AND  
CHENGARA VEEDU ANOOP, AKKIHEBBAL  
KRISHNAMURTHY SURESH AND VINAY ANANT JUVEKAR,  
DEPARTMENT OF CHEMICAL ENGINEERING, IIT BOMBAY,  
POWAI, MUMBAI 400 076, MAHARASHTRA, INDIA. ALL  
INDIAN NATIONALS.

**INVENTORS** : (1) CHENGARA VEEDU ANOOP  
(2) AKKIHEBBAL KRISHNAMURTHY SURESH  
(3) VINAY ANANT JUVEKAR

**APPLICATION NO** : 843/BOM/1998 FILED ON 30.12.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **03 CLAIMS**

An enzymatic hydrolysis process for the production of liquefacts (maltodextrins) from tapioca starch wherein the hydrolysate after cooling to ambient temperature and prior to filtration is flocculated with a mineral acid to a pH 2-4 or alkali to a pH 10 to 12 and aged under stirring.

Comp.specn.: 09 pages

Drawings: Nil

IND. CL. : 50 D 190473

INT. CL. : F 24 F 6/00

TITLE : A NON-HUMID AIR COOLER.

APPLICANT : ALTAF ABDULALI TINWALA,  
8, CENTURY APARTMENTS  
CHITRAKUT SOCIETY,  
NEAR N.I.D., PLADI,  
AHMEDABAD - 380007,  
GUJARAT, INDIA,  
AN INDIAN NATIONAL.

INVENTORS : IDEM

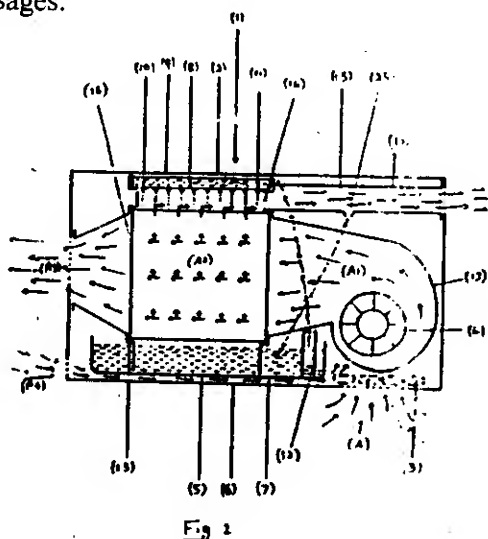
APPLICATION NO. : 61 BOM 1999 FILED ON : 27-01-1999

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 09 CLAIMS

A non-humid air cooler comprising of a housing having slots/holes for ingress of atmospheric air, a water storage tank provided inside the said housing at the bottom side keeping air passage at its bottom, a drip tray provided at the top side of the said housing, a fan provided inside the said housing for circulating atmospheric air, a water pump provided in the water tank for recirculating the water from the water storage tank to the said drip tray, an internal duct for housing the said fan, drip tray and submerged in the water storage tank at its bottom and a plastic film stack accommodated inside the said internal duct, below the said drip tray and above the water level of the said water storage tank, the said plastic film stack consisting of a plurality of plastic films each of the said plastic films being provided with a hygroscopic coating on one side leaving the other side uncoated, the said plastic film stack being formed in such a way that two coated surfaces of the two adjacent films faces each other and sealed along the vertical edges forming vertical wet coated passage and the uncoated side of the adjacent plastic film facing the uncoated side of the preceding film and sealed along horizontal edges forming horizontal dry uncoated passage, such dry uncoated horizontal and wet coated vertical passages being formed alternately, the said plastic film with hygroscopic coating being provided with cuts forming slots and uncut part being formed into louvers, the said louvers being inclined toward the dry uncoated horizontal passages.

Complete specification: 11 pages, Drawings: 04 Sheets





**IND. CL.** : 5 D 190474

**INT. CL.** : A 01 N – 25/32

**TITLE** : A PROCESS TO MAKE BIOCIDES COMPOSITION FOR RAPID ACTION IN SUGARCANE JUICE.

**APPLICANT & INVENTORS** : VISHNUKUMAR MAHADEO KULKARNI, N-22, INDRANAGAR DAHANUKAR COLONY, KOTHRUD, PUNE 411 029, MAHARASHTRA, INDIA. AN INDIAN NATIONAL

**APPLICATION NO** : 306 /BOM/ 1999 FILED ON 23.04.1999

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.**

### **03 CLAIMS**

A process to make biocides composition for rapid action to kill 90% of microorganisms within 10 minutes in cane juice comprising,

- a) Mixing of 8 to 25 parts of potassium salt of methyl dithiocarbamate, 8 to 25 parts of potassium salt of ethylene dithiocarbamate, and 1 to 10 parts of sodium/potassium salt of cyano diethyl dithiocarbamate, and 1 to 10 parts of sodium/potassium salt of butyl dithio carbamate, total dithiocarbamate is  $40 \pm 2\%$  in water
- b) Adding 0.2 to 8 parts of chelating/sequestering compound.
- c) Adding 1 to 10 parts of ionic or non ionic dispersant agent.
- d) Adding sufficient quantity of water to make final volume 100 parts.
- e) Allowed to filter.

Comp.specn. : 06 pages

Drawings: NIL

IND. CL. : 85 G 190475

INT. CL. : B 65 G, 23/06

TITLE : FEED APPARATUS FOR BATCH PREPARATION FEED MIXTURE FOR FEEDING INTO SMELTING FURNACE.

APPLICANT : OUTOKUMPU OYJ,  
RIIHITONTUNTIE 7,  
FIN-02200 ESPOO,  
FINLAND, A FINNISH PUBLIC  
LIMITED COMPANY.

INVENTORS : 1. HONKANIEMI MATTI ELIAS.  
2. NIEMELA PEKKA JUHANI.  
3. HEIKKILA RISTO MARKUS.  
4. JANKKILA MARTTI JOHANNES.  
5. LILJA LAUNO LEO.

APPLICATION NO. : 421 BOM 1999 FILED ON : 04-06-1999

PRIORITY NO : 981389 DATED : 15-06-1999 OF FINLAND

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 13 CLAIMS

Apparatus for treating granular or lumpy material prior to feeding same to a smelting furnace, said apparatus comprising a plurality of cylindrical feed silos having a single upwardly narrowing gas distribution cone located in the central section of the bottom portion of each silo, said silos being connected at the bottom by ducts to a smelting furnace, and the gas distribution cones (24) are furnished with a replaceable protective tip (34).

Complete specification: 12 pages, Drawings: 05 Sheets

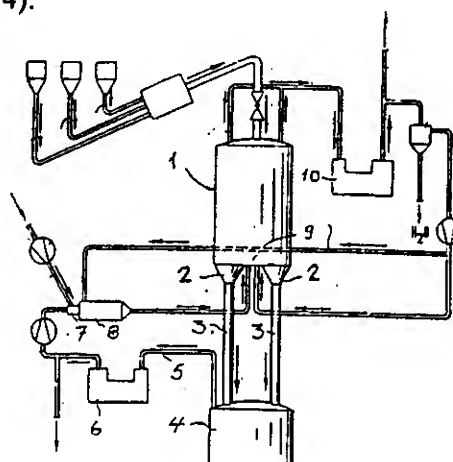


Fig. 1

IND. CI	:	55 D 2 {XIX(1)}	190476
INT. CL.	:	A 01 N 1/00,	
TITLE	:	A PROCESS FOR THE PREPARATION OF CHEMICALLY STABLE, DRY FLOW, LOW COMPACT, DUST FREE, SOLUBLE GRANULES OF PHOSPHOROAMIDOTHIOATE.	

**APPLICANT :** UNITED PHOSPHOROUS LIMITED,  
UNIPHOS HOUSE,  
C.D. MARG, KHAR (WEST), MUMBAI - 400 052.  
MAHARASHTRA, INDIA.  
INDIAN NATIONAL.

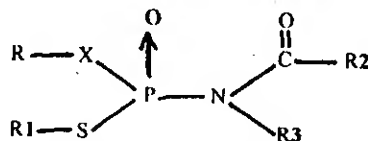
**INVENTORS : 1) RAJU DEVIDAS SHROFF**  
**2) PRAKASH MAHADEV JADHAV.**

**APPLICATION NO. : 9 58/BOM/99 FILED ON 27. 12. 1999.**

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13**

## 09. CLAIMS.

1 A process for preparation of chemically stable, dry flow, low compact, dust free, soluble granules of Phosphoroamidithioate of the formula:



wherein R and R<sup>1</sup> individually are an alkyl, alkenyl or alkynyl group containing upto 6 carbon atoms, R<sup>2</sup> is hydrogen, an alkyl group containing 1 to 18 carbon atoms, a cycloalkyl group containing 3 to 8 carbon atoms, an alkenyl group containing 2 to 18 carbon atoms or an alkynyl group containing 3 to 18 carbon atoms, R<sup>3</sup> is hydrogen or an alkyl group containing 1 to 6 carbon atoms, and X is oxygen or sulfur, which comprises

- i) preparing a dry premix by mixing 95% to 99% of the Phosphoroamidothioate of the formula I, dispersing agent 0.1% to 5.0%, wetting agent 0.1% to 3.0%, binding agent 0.1% to 0.3%, antifoaming agent 0.01% to 0.08%, disintegrating agent 0.01% to 10.0%, Stabilizer(s) 0.01% to 1.0% and filler(s) to make 100% (w/w), all in the form of solids without water or solvent, in a premixer;
- ii) grinding the resulting mixture in a microniser to obtain 5 microns to 10 microns particle size;
- iii) mixing the ground mixture in a post mixer;
- iv) charging it, through a rotary feeder, into a feeding hopper of granulator for granulation;
- v) passing the granules through hot air chamber to condition the surface finish of granules;
- vi) passing the resultant granules through an oscillating cutter and thereafter sieved to obtain granules of desired length;
- vii) fines collected are recycled to obtain the conversion yield of 99.0% minimum wherein according to step (iv) in the granulator the dry powder mix on attaining its softening point, during rubbing off process between the perforated bottom plate and the flattened edge of the rotating worm which guides the mix through the perforated plate to exit from the other side of the plate in the form of chemically stable, low compact, dry flow, soluble granules of Phosphoroamidothioate

**Complete Specification : 18 Pages.**

Drawings : Nil.

IND. CL. : 32 F 2d 190477

INT. CL. : A 61 K-031/415

TITLE : A PROCESS FOR PREPARING OF PYRAZOLO (4,3-d) PYRIMIDIN-7-ONES-3-PYRIDYLSULPHONYL COMPOUNDS OF FORMULA I.

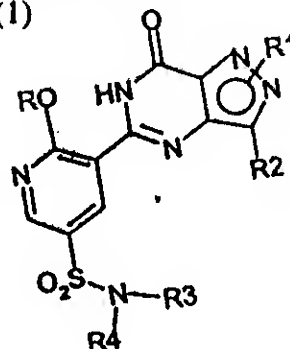
APPLICANT : PEIZER INC., 235 EAST 42<sup>ND</sup> STREET, NEW YORK - 10017, UNITED STATES OF AMERICA

INVENTOR(S) : 1. KEITH MICHAEL DEVRIES  
2. PHILIP CHARLES LEVETT  
3. JOANNA TERESA NEGRI  
4. ALBERT SHAW WOOD

APPLICATION NO : 902 MUM 2000 FILED ON 06.10.2000  
Priority No. 9924042.6 & 0018667.6 dated 11.10.1999 & 28.07.2000 of U.K.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.

A process for the preparation of pyrazolo (4,3-d) pyrimidin-7-ones-3-pyridylsulphonyl compound of formula (1)



Wherein,

R is C1 to C6 alkyl optionally substituted with one or two substituents selected from C3 to C5 cycloalkyl, OH, C1 to C4 alkoxy, benzyloxy, NR<sub>5</sub>R<sub>6</sub>, phenyl, furanyl and pyridinyl; C3 to C6 cycloalkyl; 1-(C1-C4 alkyl) piperidinyl; tetrahydrofuranyl or tetrahydropyranyl and wherein said C1 to C6 alkyl or said C1 to C4 alkoxy groups are optionally substituted by haloalkyl;

R<sub>1</sub> (which can be linked to either nitrogen of the pyrazole ring) is C1 to C3 alkyl, optionally substituted with phenyl, Het or a N linked heterocyclic group selected from piperidinyl and morpholinyl and wherein said phenyl group is optionally substituted by : C1 to C4 alkyl which is optionally substituted by haloalkyl or haloalkoxy; or C1 to C4 alkoxy; or halo or CN;

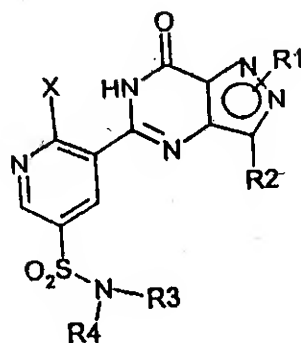
R2 is C1 to C6 alkyl;

And Het is a C-linked 6-membered heterocyclic group containing one or two nitrogen atoms, optionally in the form of its mono-N-oxide, or a C-linked 5-membered heterocyclic group containing two or three nitrogen atoms, wherein either of said heterocyclic group is optionally substituted with C1 to C4 alkyl or C1 to C4 alkoxy or NHR7 wherein R7 is H, C1 to C4 alkyl or C1 to C4 alkanoyl;

R3 and R4 together with the nitrogen atom to which they are attached, form a 4-R8-piperazinyl group optionally substituted with one or two C1 to C4 alkyl groups and optionally in the form of is 4-N-oxide;

R5 and R6 are each independently selected from H and C1 to C4 alkyl optionally substituted with C3 to C5 cycloalkyl or C1 to C4 alkoxy, or, together with the nitrogen atom to which they are attached, form an azetidiny, pyrrolidiny, piperidiny or morpholiny group;

R8 is H; C1 to C4 alkyl optionally substituted with one or two substituents selected from OH, NR5R6, CONR5R6, phenyl optionally substituted with C1 to C4 alkoxy, benzodioxolyl and benzodioxanyl; C3 to C6 alkenyl; pyridinyl or pyrimidinyl; said process comprising reacting a compound of Formula II in the presence of OR of the kind as herein described and a hydroxide trapping agent wherein X is a leaving group and R1 to R4 are as defined above.



(II)

IND. CL. : 32 F 2G **190478**

INT. CL. : C 07 D 401/12, 401/14, 417/12

TITLE : A PROCESS FOR THE PREPARATION OF PIPERAZINE AND ITS DERIVATIVES.

APPLICANT : SUN PHARMACEUTICAL INDUSTRIES LTD.,  
ACME PLAZA, ANDHERI-KURLA ROAD,  
ANDHERI (E), MUMBAI -400 059,  
MAHARASHTRA, INDIA.  
~~AN INDIAN CO.~~

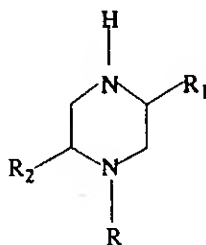
INVENTOR(S) : 1. DR. SEBASTIAN SONNY  
2. MR. PATEL HETAL VIRENDRA  
3. DR. THENNATI RAJAMANNAR

APPLICATION NO : 994/MUM/2000 FILED ON : 07.11.2000

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 11 CLAIMS

1. A process for the preparation of piperazine and its derivatives of formula 1,



1

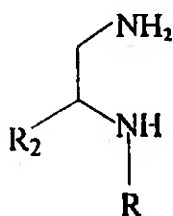
wherein R is selected from hydrogen or a lower alkyl (1 to 6 carbon atoms) group or a phenylalkyl group the alkyl of which has 1 to 4 carbon atoms;

R<sub>1</sub> is selected from hydrogen or a methyl group or a phenyl group optionally substituted with alkyl having 1 to 6 carbon atoms or a phenylalkyl group the alkyl of which has 1 to 4 carbon atoms and

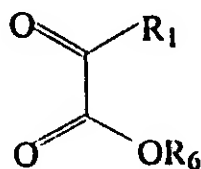
R<sub>2</sub> is selected from hydrogen or a methyl group or a fluoromethyl group comprises the steps :

- (a) reacting esters of formula 11 with substituted or unsubstituted ethylenediamine of formula 7 in the presence of an acid to give 3,4-

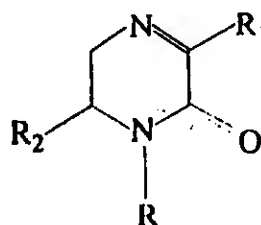
dehydropiperazine-2-one of formula 12



7



11



12

wherein R, R<sub>1</sub>, R<sub>2</sub> are as defined above and

R<sub>6</sub> is C<sub>1</sub> to C<sub>4</sub> linear or branched alkyl group

- (b) reacting 3,4-dehydro-piperazine-2-one of formula 12 with a reducing agent selected from lithium aluminum hydride (LAH), sodium borohydride, aluminum hydride, potassium borohydride and borane.

**Complete Specification: 17 Pages;**

**Drawings NIL Sheets.**

IND. CL. : 6 B 3 [XLVII(4)] 190479  
 196 B2 [XXVI(4)]

INT. CL. : F 24 F 3/16

TITLE : AIR PURIFICATION APPARATUS.

APPLICANT : ENVIRCO CORPORATION,  
 6701, JEFFERSON NE,  
 ALBUQUERQUE,  
 NEW MEXICO - 87109,  
 UNITED STATES OF AMERICA.

INVENTOR(S) : 1. WILLIAM J. LEADER  
 2. DENNIS K. SMITH

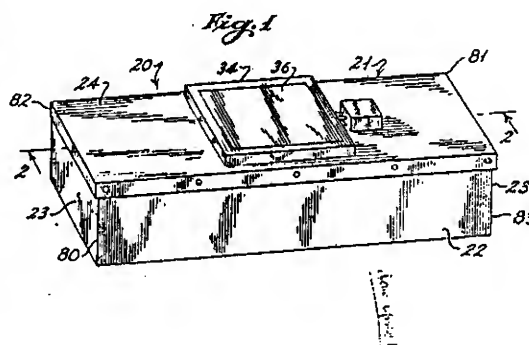
APPLICATION NO : 1077/MUM/2000 FILED ON : 28.11.2000

PRIORITY NO. 08/373,941 DATED 13.01.95 O F U.S.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 03 CLAIMS

1. An air purification apparatus comprising a housing having opposite sidewalls and an end wall which define first and second corners, an upper and a lower portion, the housing defining an interior plenum chamber with an opening defining an inlet into the plenum chamber and an opening forming a discharge outlet from the plenum chamber, a blower means for directing air from the inlet to the outlet, means for rotating the blower mean, a filter mounted within the plenum chamber, a first baffle having opposite sides and opposite ends mounted within the plenum chamber between the inlet and the filter, the ends of the baffle being spaced from the end wall of the housing, and the blower means and first baffle directing airflow along a first sidewall toward the second corner, characterized in that, a first deflector means extending inwardly of the plenum chamber from the first sidewall of the housing adjacent to but spaced from the first corner, said first deflector means having a first portion spaced from the end wall of the housing and a second portion angled toward the end wall of the housing, and second air deflector means extending inwardly of the plenum chamber from the other sidewall adjacent to but spaced from the second corner, said second deflector means having a first portion spaced from the end wall and a second portion angled toward the end wall, whereby as air is directed outwardly with respect to the first baffle, airflow will be directed by said first and second deflector means away from said first and second corners.





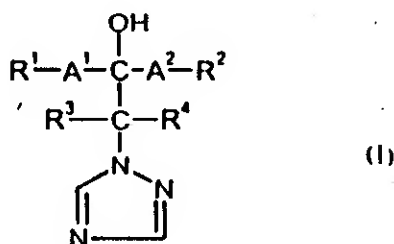
190480

IND. CL. : 32 F1 [IX (1)], 55 D2  
INT. CL. : C 07 D 249/08  
TITLE : PROCESS FOR PREPARING 2-(1,2,4-TRIAZOL-1-YL)-ETHANOL  
APPLICANT : BAYER AKTIENGESELLSCHAFT, A GERMAN COMPANY.  
D-51368 LEVERKUSEN, GERMANY.  
INVENTOR : THOMAS HIMMLER  
APPLICATION NO : 88/BOM/2001 FILED ON 25.01.2001.  
Priority No.10005572.9 dated 09.02.2000 of Germany.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 07 CLAIMS

Process for preparing 2-(1,2,4-triazol-1-yl)-ethanols of the formula



in which

A<sup>1</sup> and A<sup>2</sup> independently of one another represent a direct bond, represent optionally halogen-substituted alkanediyl, represent optionally halogen-substituted alkenediyl, represent optionally halogen-substituted alkynediyl or represent alkanediyl in which a methylene group is replaced by oxygen.

R<sup>1</sup> and R<sup>2</sup> independently of one another represent hydrogen, represent optionally substituted cycloalkyl or represent optionally substituted aryl and

R<sup>3</sup> and R<sup>4</sup> independently of one another represent hydrogen or represent optionally substituted alkyl or

$R^3$  and  $R^4$  together with the carbon atom to which they are attached represent optionally substituted cycloalkyl,

$R^1$ ,  $A^1$  and  $R^3$  together with the carbon atoms to which they are attached represent cycloalkyl,

$A^2$  represents a direct bond, represents optionally halogen-substituted alkanediyl, represents optionally halogen-substituted alkenediyl, represents optionally halogen-substituted alkinediyl or represents alkanediyl in which one methylene group has been replaced by oxygen,

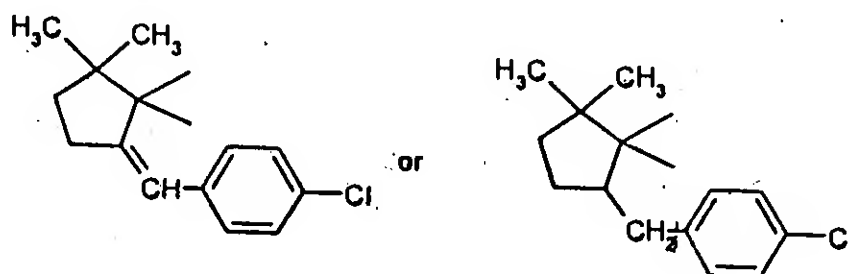
$R^2$  represents hydrogen, represents optionally substituted cycloalkyl or represents optionally substituted aryl and

$R^4$  represents hydrogen or represents optionally substituted alkyl,

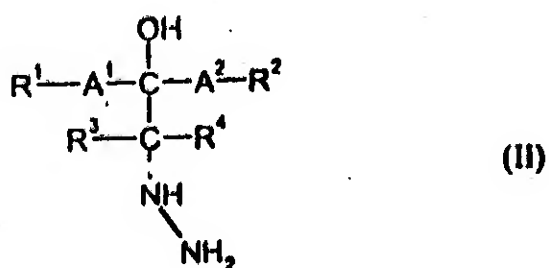
or

$R^3$  and  $R^4$  represent hydrogen and the groups

$R^1$ - $A^1$ - and  $R^2$ - $A^2$ - together with the carbon atom to which they are attached represent a radical of the formula



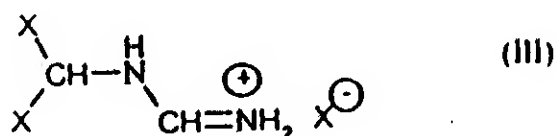
characterized in that hydrazine derivatives of the formula



in which

$\text{A}^1, \text{A}^2, \text{R}^1, \text{R}^2, \text{R}^3$  and  $\text{R}^4$  are as defined above

are reacted with N-dihalogenomethyl-formamidineium halide of the formula



in which

X represents chlorine or bromine,

if appropriate in the presence of a diluent of the kind such as herein described.

COMPLETE SPECIFICATION : 34 PAGES DRAWING : NIL

IND. CL. : 140 B1 [XI (2)] 190481

INT. CL. : C 10 L - 1/22

TITLE : A STABILISER COMPOSITION FOR USE IN HIGH SPEED DIESEL.

APPLICANT : INDIAN OIL CORPORATION LTD, (A GOVT. OF INDIA UNDER TAKING) OF G-9, ALI YAVAR JUNG MARG, BANDRA (EAST), MUMBAI 400 051, MAHARASHTRA, INDIA.

INVENTORS : (1) PANKAJ BHATNAGAR  
(2) RAJAGOPAL MONOHARAN  
(3) AURAG ATEET GUPTA  
(4) BABU RAM TYAGI  
(5) AKHILESH KUMAR BHATNAGAR  
(6) VINOD KUMAR SHARMA  
(7) SUBHASH CHANDRA MEHTA  
(8) SOM PRAKASH SRIVASTAVA

APPLICATION NO. : 255 BOM 1998 FILED ON 04.05.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

**06 CLAIMS**

A stabilizer composition for use in high speed diesel comprising 30-90% by weight amine(s), 1-50% by weight hindered phenols and 0.1-10% by weight metal deactivator/aromatic Schiff's base mixed together for use for stabilization of cracked components for the secondary processing units, finished diesel fuel

Comp.specn. : 27 pages

Drawings : Nil

IND. CL. : 34 A 190482

INT. CL. : D 02 G-3/ 00,1/ 00

TITLE : A PROCESS FOR THE MANUFACTURE OF HIGH STRENGTH EXPENDED, SINGLE MOLECULAR ALIGNED TEMPERATURE TREATED YARN

APPLICANT : M/S. STOPLIK SERVICES (INDIA) PVT.LTD., PLOT NO. A/465, ROAD NO. 28, WAGLE INDUSTRIAL ESTATE, THANE 400 604, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

INVENTORS : RAJ KUMAR PANDEY

APPLICATION NO : 318 BOM 1998 FILED ON 20.05.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI -13.**

### **09 CLAIMS**

A process for the manufacture of high strength, expanded single molecular aligned temperature treated yarn, comprises taking the PTFE extrusion grade paste or PTFE extrusion grade paste loaded with microfine graphite powder of size 150-220 microns, mixing with 10-40% by weight of odourless mineral spirit or oil or neptha at low RPM of 20-60 RPM for 3-6 hours, allowing the said mixture to age overnight to obtain homogenous mixture, extruding the said mixture under a pressure of 20-500 kgs/cm<sup>2</sup>, to obtain hollow tube of predetermined thickness, collapsing and silting the said hollow tube to a fibrous mass, subjecting the said tape to heat treatment at 50-350° C, stretching the said tape for molecular alignment of the fibers of the said tape, dipping the said molecular aligned tape in lubricating oil or mixture thereof, calendering the said lubricated tape through a set of rollers, passing the calendered tape through a temperature zone of 300-400° C in an inert atmosphere cooling the said tape at an ambient temperature and passing through rollers covered with lubricants to obtain the uniform dimensions, high strength yarn for braiding.

Comp.specn. 12 pages

Drawings: NIL

**IND. CL.** : 5 C [I (1)] 190483

**INT. CL.** : A 01 D, 43/00  
45/10

**TITLE** : A MACHINE FOR HARVESTING SUGAR CANE.

**APPLICANT** : PRATAP RANE,  
23 YESHWANT NAGAR,  
GANESHKHIND ROAD  
RANE CIRCLE,  
PUNE - 411007,  
MAHARASHTRA, INDIA.  
AN INDIAN NATIONAL.

**INVENTORS** : IDEM

**APPLICATION NO.** : 327 BOM 1998 **FILED ON** : 22-05-1998

COMPLETE SPECIFICATION FILED AFTER PROVISIONAL SPECIFICATION ON  
06-08-1999.

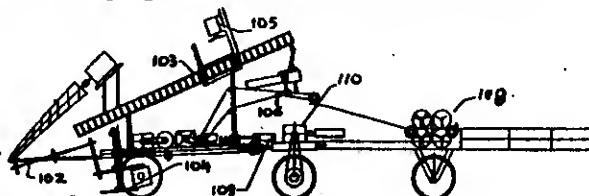
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES  
2003), PATENT OFFICE BRANCH, MUMBAI 13.

### 31 CLAIMS

A whole stalk cane harvester for harvesting cane from a cane field including fallen cane stalks comprising a harvester frame, a plurality of rotating drivers (110, 110a) for supporting the harvester frame while moving the harvester through the cane field having a plurality of spaced apart furrows, and a drive engine for powering the rotating drivers, a front guide mechanism (101) for lifting, fallen and tilted cane stalks upwardly and for supporting the cane stalks along substantially a centerline as the harvester moves toward the supported cane stalks and feeding the supported cane stalks to a feeding conveyor (102); a feeding conveyor for receiving supported cane stalks and feeding the cane stalks after alignment to a main conveyor (103);

a main conveyor having gripping mechanism for gripping cane stalks fed to the conveyor firmly for conveying cane stalks from the front receiving end to a rear cleaning end via a base cutter (104) and a de-topping mechanism (105, 105a); a de-topping mechanism (105, 105a) for de-topping the cane stalks; a base cutter (104) for cutting a base of the cane stalks; a de-trashing (108) mechanism within the harvester at the cleaning end for cleaning leaves off the cut and de-topped cane stalks;

and a discharge conveyor for discharging cleaned cane from the harvester.



Complete specification: 15 pages,  
Provisional specification: 44 pages,

Drawings: 03 Sheets  
Drawings: NIL Sheets

FIGURE - 1

**IND. CL.** : 141 F [XXXIII] **190484**

**INT. CL.** : C 22 B - 34/14, C 01G - 25/02

**TITLE** : PROCESS FOR MANUFACTURING PRE-FIRED HIGH  
REFRACTORY BARIUM MONO-ALUMINATE CEMENT

**APPLICANT** : THE ASSOCIATED CEMENT COMPANIES LIMITED,  
'CEMENT HOUSE, 121, MAHARSHI KARVE ROAD, MUMBAI  
400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS** : (1) DEEPAK GANGADHAR BANAWALIKAR  
(2) SIVARAMKRISHNAN NARAYANAN  
(3) SACHI DULAL MAJUMDAR  
(4) DR.ANJAN KUMAR CHATTERJEE

**APPLICATION NO** : 338 BOM 1998 FILED ON 01.06.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **05 CLAIMS**

Process for manufacturing pre-fired high refractory Barium Mono-Aluminate Cement with controlled 'in situ' setting time and containing not less than 50% Barium oxide and not more than 41% aluminous materials and other ingredients with or without addition of silicious retardants listed in TABLES-I, II and III having initial setting time not less than 30 minutes characterized by a combination of following steps: wherein:

- a) Barium Oxide, Aluminous mass with or without a silicious retarder listed in TABLES-I, II and III being crushed/pulverized to fineness to pass through 200-350 BSS sieves and soaking said sieved mass with aquasol of dextrin or lignosulphate binder and kneading it to form extrudable dough mass;
- b) pelletizing said dough mass of step (a) into pellets of desired dimensions; air and oven drying said pellets at temp. varying from 110-130 deg. C. till said pellets retain less than 2% moisture;
- c) sintering said pellets of step (b) in a kiln/furnace at temp. varying from 1450-1650 deg.C., and allowing said sintered mass to get soaked in said closed kiln/ furnace for < 5% hrs. to cool down to about 200 deg. C., opening said kiln/furnace and removing the cooled sintered mass and allowing it to further cool down to ambient temp;

- d) crushing and pulverizing said air cooled pellets of step (c) to attain specific surface area of between 2000-4000 cm.sq./gm and characterized further in that the 'in situ' setting time behaviour for cast cement being controlled by adjusting the ratio of < 5% silicious addition to cement/water ratio in the product mix in step (a) and by preventing exposure to humidity being achieved by covering the 'in situ' cast cement body with impervious hood/cover and which on being removed after present time from the cast cement body attains 'in situ' setting and compressive strength behaviour attains herein stated TABLES-IV to VII.

Comp.specn. : 27 pages

Drawings: NIL



**IND. CL.** : 201 D **190485**

**INT. CL.** : C 02 F-1/ 48

**TITLE** : A MAGNETIC DEVICE, FOR TREATMENT OF FLUIDS FLOWING THROUGH A SYSTEM CONTAINING STEEL/IRON PIPE AND FOR PROTECTING THE SYSTEM FROM SCALING, CORROSION, ALGAE AND PARAFINING AND THE SYSTEM COMPRISING THE SAID MAGNETIC DEVICE.

**APPLICANT** : M/S. FLUX HI-TECH INC., KHAR MUNICIPAL MARKET BUILDING, 2<sup>ND</sup> ROAD, 2<sup>ND</sup> FLOOR, FLAT NO.1, KHAR (W), MUMBAI 400 052, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

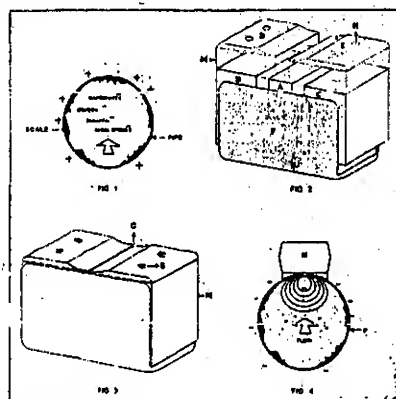
**INVENTORS** : ULHAS VITHAL NAYAK

**APPLICATION NO** : 349 BOM 1998 FILED ON 04.06.1998

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

**05 CLAIMS**

A magnetic device for treatment of fluid flowing through a system and preventing the system from scaling, corrosion, algae, paraffining and the like, comprising of a permanent bar / rectangular magnet, a pair of magnetic flux collimators provided at the two major opposing faces of the said magnet, sandwiching the same, without leaving any air gap, a pair of magnetic flux pervaders fixed to the face of said collimators, perpendicular to the said magnet, covering the collimators and extending over the said magnet, leaving a very narrow gap in between the two pervaders, the free surface of the said pervades being provided with curvature matching to the outer surface of the pipe of the fluid flowing system, a casing preferably made of brass, encasing the said magnet, collimators and pervaders assembly from three sides, leaving the free curved surface of the pervaders open, for enabling the device to be fixed automatically to the side pipe, the said magnet being a Neodymium-Iron-Boron magnet and the said collimators and pervaders being forged / cast from a low carbon soft-iron and the free edges of the said collimators and the pervaders, away from the said magnet being rounded off.



**IND. CL.** : 35 [ XXV(2) ] **190486**

**INT. CL.** : C 04 B-7/00,7/32

**TITLE** : PROCESS OF MANUFACTURING HIGH TEMPERATURE REACTIVE CALCIUM DI-ALUMINATE REFRACTORY CEMENT

**APPLICANT** : THE ASSOCIATED CEMENT COMPANIES LIMITED,  
'CEMENT HOUSE, 121, MAHARSHI KARVE ROAD, MUMBAI  
400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS** : (1) DEEPAK GANGADHAR BANAWALIKAR  
(2) SIVARAMKRISHNAN NARAYANAN  
(3) SACHI DULAL MAJUMDAR  
(4) DR.ANJAN KUMAR CHATTERJEE

**APPLICATION NO** : 363/BOM/1998 FILED ON 12.06.1998.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **07 CLAIMS**

Process of manufacturing high temperature Reactive Calcium Di-aluminate refractory Cement by single sintering step at temperature  $>1850^{\circ}\text{C}$  comprising steps of selecting and blending source of calcined alumina and/or aluminous trihydrate such as

$\text{Al}_2\text{O}_3$ ,  $\text{SiO}_2$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{TiO}_2$ ,  $\text{Na}_2\text{O}$ ,  $\text{K}_2\text{O}$

with hydrated lime or lime stone and blending/pulverizing said mix to desired particle and enlarging its size by adding of  $<5\%$  by weight/ volume of aqueous binder such as dextrin and/or lighosulphate and kneading to form extrudable dough and extruding pellets there from characterized in that said green pellets being air/ oven dried at temp. varying from  $100^{\circ}\text{C}$ - $130^{\circ}\text{C}$  till they retain  $<2\%$  moisture followed by single step sintering in a rotary or stationary kiln/ furnace at temp.  $> 1850^{\circ}\text{C}$  for  $<4$  hours and before unloading said clinker being soaked in kiln and allowed to cool down to  $<200^{\circ}\text{C}$  and unloading and allowing them to further cool down to ambient temp. and pulverizing them a second time to particle size having Blains specific surface area of around  $4500 \pm 500 \text{ cm. sq./gm.}$  having initial setting time of  $<200$  minutes and final setting time of  $<300$  minutes having herein stated product specifications.

**IND. CL.** : 170 D 190487

**INT. CL.** : C 11 D- 11/00

**TITLE** : A PROCESS FOR PRODUCTION OF DETERGENT GRANULATES.

**APPLICANT** : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION, MUMBAI 400 020,  
MAHARASHTRA, INDIA. AN INDIAN COMPANY

**INVENTORS** : (1) BERNARDETE BARRETO DE MENEZES SAMPAIO  
(2) LAZARO VALLI

**APPLICATION NO** : 377 BOM 1998 FILED ON 16.06.1998  
Priority No. 9713748.3 dated 27.06.1997 of U.K.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **06 CLAIMS**

A process for the production of a granular detergent product comprising bringing into contact a liquid binder and a powdered and/or granular solid neutralizing agent, the liquid binder comprising an acidic component comprising an acid precursor of an anionic surfactant and an inorganic acid wherein the amount of the inorganic acid is at least 10% wt% of the acidic component and the neutralizing agent is present at a level at least sufficient to neutralize fully the acidic component and the neutralizing agent and liquid binder are brought into contact and granulated in a gas fluidization granulator.

Comp.specn. 20 pages

Drawings: Nil

**IND. CL.** : 189.9 **190488**  
**INT. CL.** : A 61 K 7/00, 7/027  
**TITLE** : A SKIN CARE COMPOSITIONS.  
**APPLICANT** : HINDUSTAN LEVER LIMITED  
HINDUSTAN LEVER HOUSE,  
165-166 BACKBAY RECLAMATION,  
MUMBAI – 400 020, MAHARASHTRA, INDIA.  
**INVENTOR(S)** : 1. ROBERT GEORGE CARSON  
2. KRUPA PATEL  
3. MARIEANN CARLOMUSTO  
4. CAROL ANNETTE BOSKO  
5. SREEKUMAR PILLAI

**APPLICATION NO :** 424/BOM/1998 **FILED ON :** 29.06.98  
**PRIORITY NO. 08/900795 DATED 25.07.97 OF U.S.A.**

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI – 13.**

**02 CLAIMS**

1. A skin care composition comprising:
- (a) resveratrol in an amount of from 0.00002 to 10 wt. %
  - (b) hydroxy acid in an amount of from 0.01% to 20%; and
  - (c) a cosmetically acceptable vehicle

**Complete Specification: 37 Pages; Drawings NIL Sheets.**

IND. CL. : 94 E 190489  
INT. CL. : B 24 B 9/00,9/06  
TITLE : A COMPOSITION HAVING A SURFACTANT OR  
TENSIO-ACTIVE STRUCTURE AS DISPERSING  
AGENT AND/OR GRINDING AID.  
APPLICANT : COATEX S.A.S., 35, RUE AMPERE,  
Z.I. LYON-NORD, 69730, GENAY,  
FRANC, FRENCH COMPANY.  
INVENTOR(S) : 1. EGRAZ JEAN - BERNARD  
2. SUAU JEAN -MARC  
3. KENSICHER YVES  
APPLICATION NO : 442/BOM/1998 FILED ON : 10.07.1998

PRIORITY NO. 9709387 DATED 18.07.97 OF FRANCE.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 02 CLAIMS

1. A composition as a dispersing agent and/or crushing aid for mineral substances in aqueous suspension, regardless of the hydrophilic or hydrophobic nature of the mineral substances to be dispersed and/or crushed, characterised in that said composition consists of:

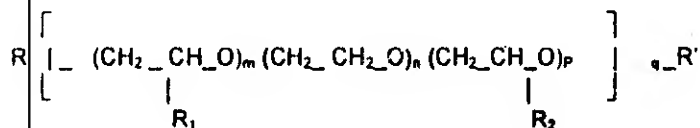
a) at least one ethylenically unsaturated monomer having a carboxylic function, which must be selected from among the mono-acids such as acrylic, methacrylic, crotonic, isocrotonic or cinnamic acid, to which diacids can optionally be added such as itaconic, fumaric, maleic or citraconic acid or alternatively the anhydrides of carboxylic acid such as maleic anhydride and the hemi-esters of diacids such as the monoesters at C1 to C4' of maleic or itaconic acids or mixtures thereof,

b) optionally, at least one ethylenically unsaturated monomer having a sulphonic function, selected from among acrylamido-methyl-propane-sulphonic acid, sodium methallylsulphonate, vinyl sulphonic acids and styrene sulphonic acids, or with a phosphoric function selected from among ethylene glycol methacrylate phosphate, propylene glycol methacrylate phosphate, ethylene glycol acrylate phosphate, propylene glycol acrylate phosphate and their ethoxylates or mixtures thereof,

c) optionally, at least one ethylenically unsaturated monomer having no carboxylic function, selected from the group comprising the esters of acrylic or methacrylic acids such as the methyl, ethyl, butyl, 2-ethyl-hexyl acrylates or methacrylates, or acrylonitrile, methacrylonitrile, vinyl acetate, styrene, methylstyrene, diisobutylene, vinylpyrrolidone, vinylcaprolactam, or alternatively the unsaturated amides such as acrylamide, methacrylamide or their substituted derivatives such as dimethylaminopropyl acrylamide or methacrylamide, the acrylic or methacrylic esters of glycol, methacrylamido-propyl-trimethyl-ammonium chloride or sulphate, methacrylate of trimethyl-ammonium-ethyl

chloride or sulphate as well as their acrylate and quaternised acrylamide counterparts and/or dimethyldiallylammonium chloride.

- d) at least one ethylenically unsaturated oxyalkylated monomer terminating with a hydrophobic chain having the general formula (I):



in which:

m and p represent a number of alkylene oxide units less than or equal to 100,

n represents a number of ethylene oxide units less than or equal to 100,

q is a number at least equal to 1 and such that:

$$0 \leq q(n+m+p) \leq 100$$

R<sub>1</sub> is hydrogen or the methyl or ethyl radical,

R<sub>2</sub> is hydrogen or the methyl or ethyl radical.

R represents the polymerisable unsaturated radical belonging to the group of acrylic, methacrylic, maleic, itaconic, crotonic, vinylphthalic esters as well as the unsaturated urethanes such as, acrylurethane, methacrylurethane,  $\alpha$ - $\alpha'$  dimethyl-m-isopropenyl-benzylurethane, allylurethane.

R' represents the hydrophobic radical such as the tristyrylphenyl as well as the linear or branched alkyl, alkylaryl, arylalkyl, aryl groups having at least 8 carbon atoms or the dialkylamines having at least 8 carbon atoms when R represents unsaturated radical belonging to the group of unsaturated urethanes and

R' represents the hydrophobic radical such as the tristyrylphenyl as well as the linear or branched alkyl, alkylaryl, arylalkyl, aryl groups having more than 30 carbons atoms or the dialkylamines having at least 22 carbons atoms when R represents the polymerisable unsaturated radical belonging to the group of acrylic, methacrylic, maleic, itaconic, crotonic or vinylphthalic esters.

the total of constituents (a), (b), (c) and (d) being equal to 100

and in that it has a specific viscosity at most equal to 50 and preferably at most equal to 25.

**Complete Specification: 74 Pages;**

**Drawings NIL Sheets.**

**IND. CL.** : 170 B + D **190490**

**INT. CL.** : C 11 D 3/14  
C 11 D 17/00

**TITLE** : A PROCESS FOR PREPARATION OF SYNERGISTIC  
ABRASIVE DETERGENT BAR COMPOSITION.

**APPLICANT** : HINDUSTAN LEVER LIMITED  
HINDUSTAN LEVER HOUSE,  
165-166 BACKBAY RECLAMATION,  
MUMBAI – 400 020, MAHARASHTRA, INDIA.

**INVENTOR(S)** : 1. VINODKUMAR RAMNIRANJAN DHANUKA  
2. SURESH RAMAMURTHI  
3. KAMSU VENKATA SATHYANARAYANA MURTHY  
4. DEVADATTA SHIVAJI SANKHOLKAR

**APPLICATION NO :** 535/BOM/1998 FILED ON : 21.08.98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI – 13.

### **33 CLAIMS**

A process for the preparation of a synergistic abrasive bar cleaning composition comprising

- a) 30-85% wt of atleast one particulate abrasive ;
- b) at least 0.5%wt of a particulate with a minimum water absorptive capacity of 200% ;
- c) 0.5-15%wt. of a C<sub>2</sub>-C<sub>8</sub> alkanolamine ;
- d) at least 0.1%wt of an electrolyte base other than alkanolamine ;
- e) 0.5-35%wt of atleast one surfactant ; and
- f) optionally, 0.1-20%wt of a solvent other than water or alkanolamine,

the process comprising :

- a) in-situ generation of alkaline alumino silicate and making a dough containing surfactants and other particulate abrasives ;
- b) addition of alkanolamine and the electrolyte base ;
- c) and structuring the composition by mixing with the particulate having a minimum water absorptive capacity of 200% followed by addition of other optional ingredients, mixing, extruding into bars using a conventional method.

Complete Specification : 18 Pages.

Drawings : Nil Sheet.

IND. CL. : 32 F3 (a) [IX (1)] 190491

INT. CL. : C 07 C- 43/ 20

TITLE : PROCESS FOR PREPARING METHYL SUBSTITUTED DIOXA-  
TETRACYCLO HEPTADECA-2, 4, 6,11,13, 15-HEXAENES.

APPLICANT : SAURASHTRA UNIVERSITY, UNIVERSITY ROAD,  
RAJKOT 360 005, GUJARAT, INDIA. AN INDIAN UNIVERSITY.

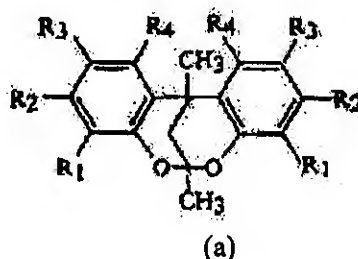
INVENTORS : (1) VIDHYADHAR MANJULAL THAKOR  
(2) RAJESH RAVAL  
(3) ANAMIK SHAH  
(4) NARSINH MERGABHAI DODIA

APPLICATION NO : 305 MUM 2001 FILED ON 30.03.2001

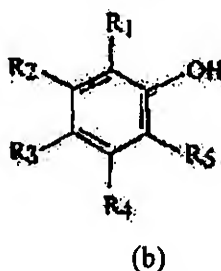
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 09 CLAIMS

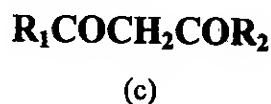
1. A process for producing a novel methyl substituted dioxo-tetracyclo heptadeca-2,4,6,11,13,15-hexaenes of the general formula (a):



wherein,  $R_1 = \text{H or CH}_3$ ,  $R_2 = \text{H or CH}_3$ ,  $R_3 = \text{H or CH}_3$  and  $R_4 = \text{H}$ , said process comprising reacting phenols or substituted phenols of the general formula (b):



wherein,  $R_1 = \text{H or CH}_3$ ,  $R_2 = \text{H or CH}_3$ ,  $R_3 = \text{CH}_3$ ,  $R_4 = \text{H}$  and  $R_5 = \text{H}$   
with 1,3-diketones of the general formula (c):



wherein  $R_1$  and  $R_2$  are alkyl group having 1 to 5 carbon atoms in the presence of a zinc chloride catalyst at temperatures less than  $100^\circ \text{C}$  for 24 hours or more followed by purifying the compound of general formula (a) by a process known per se.



**IND. CL.** : 128(A) **190492**

**INT. CL.** : A 61 L 15/00, 15/03

**TITLE** : DEVICE FOR MAKING A MEDICATED  
NON OCCLUSIVE PAD.

**APPLICANT** : JOHNSON & JOHNSON LTD.,  
30 FORJETT STREET,  
MUMBAI – 400 036,  
MAHARASHTRA, INDIA.

**INVENTOR(S)** : 1. DR. TELANG AJIT SHANKAR  
2. DR. ABHYANKAR PRASHANT NARAYAN  
3. DR. MANKE AJIT SITARAM

**APPLICATION NO :** 414/MUM/2001 **FILED ON :** 01.05.2000

**DIVIDED OUT OF 851/MUM/2000 DATED 15.09.2000.**

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI – 13.

### 06 CLAIMS

Device for making a medicated non-occlusive pad comprising an unwind roll for unwinding a permeable material layer, a pair of squeeze rolls disposed one below the other adjustably spacedly contra-rotatably in a trough for holding a solution of a medication, a drier comprising a series of hot zones in the progressive order of 30 to 185°C, a top pin roll and a bottom backing roll disposed spacedly contra rotatably, the pin roll comprising a plurality of pins in rows on the surface thereof having diameters of 0.025 – 0.100 cms and height of 0.025 – 0.075 cms, the spacing between the pins being 0.175 – 0.225 cms and the distance between the rows of pins being 0.100 – 0.175 cms, the pin roll being floatable vertically and provided with pressure exerting means to exert pressure in the direction of the backing roll, the pin roll being further provided with heating means, an additional unwind roll for unwinding a polymer film provided at a tangent to the spacing between the pin roll and backing roll, a wind roll for winding a medicated non-occlusive pad and tension rolls provided between the unwind roll and wind roll at predetermined positions.

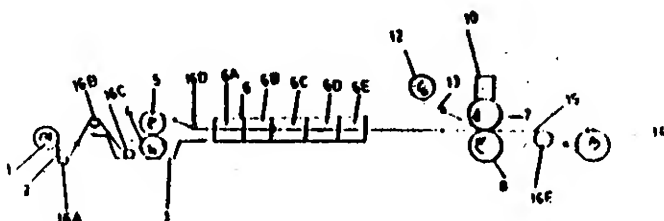


FIG 1

**Complete Specification: 18 Pages; Drawings 01 Sheets.**

**IND. CL.** : 55 E [XIX(1)] **190493**

**INT. CL.** : A 61 K – 31/415, 31/79, 33/18

**TITLE** : A PROCESS FOR THE PREPARATION OF NOVEL TOPICAL MICROBICIDAL COMPOSITIONS

**APPLICANT** : M/s. J.B.CHEMICALS & PHARMACEUTICALS LTD, "NEELAM CENTRE", 'B' WING, 4<sup>TH</sup> FLOOR, HIND CYCLE ROAD, WORLI, MUMBAI 400 025., MAHARASHTRA, INDIA. AN INDIAN COMPANY.

**INVENTORS** : (1) SHIRISH BHAGWANLAL MODI  
(2) Dr. DOSHI MADHUKANT MANSUKHLAL  
(3) DR.JOSHI MILIND DATTATRAYA

**APPLICATION NO** : 482/MUM/2001 FILED ON 23.05.2001

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI -13.**

### **16 CLAIMS**

A process for preparation of pharmaceutical composition for topical application comprising therapeutically effective amounts of alkylimidazole derivative and iodophore as active ingredients wherein the composition is suitable for treatment of various types of microbial and mycotic infections caused by aerobic and anaerobic microorganisms.

Comp.specn. : 27 pages

Drawings : Nil

IND. CL. : 55E4 190494

INT. CL. : A 61 K, 35/78

TITLE : A PROCESS OF PRODUCING A THERAPEUTIC  
HERBAL COMPOSITION FOR TREATMENT OF  
ARTHRITIS CAPSULES

APPLICANT : M/S. ALEMBIC LIMITED, ALEMBIC ROAD,  
VADODARA-390 003. GUJARAT. INDIA, AN INDIAN  
COMPANY.

INVENTORS : (1) JOYENDU JAGDINDU CHAUDHURI  
(2) SAMPAD BHATTACHARYA

APPLICATION NO.: 550/MUM/2001 FILED ON 14.06.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI-400 013.

### 03 CLAIMS

A Process of producing a therapeutic herbal composition for treatment of arthritis capsules comprising the following steps: -

- a. preparing separately dry powder of Asparagus Racemosus (Satawari), Boswellia Serrata (Shudh Salai Guggal), Withania Somnifera (Ashwagandha) and Zingiber Officinialis (Ginger),
- b. mixing starch (Diluent) and Microcrystalline cellulose and sifting the mix forming powder,
- c. dispersing starch (for paste) in water and stirring to obtain an uniform slurry,
- d. boiling the water separately and adding the slurry of step (c) under continuous stirring forming an uniform translucent paste,
- e. granulating the powder of step (b) with starch paste of step (d) and preparing granules,
- f. drying the granules of step (d), preferably in a fluid bed dryer, bringing the moisture content to about 3% W/W or below,
- g. passing the dried granules of step (f) successively to prepare dried granules,
- h. separating fines from the dried granules of step (g), sifting Indion 234 and mixing the fines of dried granules along with Sodium Methyl Hydroxy Benzoate and Sodium Propyl Hydroxy Benzoate and passing the mixture,
- i. mixing the mixture of step (h) with dried granules of step (g),
- j. dividing the granules of step (i) in preferably equal two parts, Part A and Part B,
- k. mixing the dry powder of Asparagus Racemosus (Shatawari) 10 to 20% W/W of actives, with granules of Part A of step (j) and sifting the same forming a mixture,
- l. transferring the mixture of step (k) and the granules of part B of step (j), into a blender,
- m. sifting separately the dry powder of Boswellia Serrata (Shudh Salai Guggal) 50 to 70% W/W of Actives, dry powder of Zingiber officinialis (Ginger) 2 to 12% W/W of Actives, dry powder of Withania Somnifera (Ashwagandha) 15 to 30% W/W of Actives and adding, one by one, into the mix of step (l) in the said blender, and blending for uniform mixing,
- n. filling the desired quantity of powder mixture of step (m), in Gelatin Capsules.

Comp.specn. 22 pages

Drgs. NIL Sheet

IND. CL. : 55E2 190495  
INT. CL. : A 61 K, 9/06  
TITLE : A PROCESS OF PREPARING SILDENAFIL CITRATE  
TRANSDERMAL OINTMENT  
APPLICANT :  
M/S. ALEMBIC LIMITED, ALEMBIC ROAD,  
VADODARA-390 003. GUJARAT. INDIA, AN INDIAN  
COMPANY.  
INVENTORS :  
(1) BHATTACHARYA SAMPAD  
(2) TUMBALAM KIRAN KUMAR

APPLICATION NO.: 552/MUM/2001 FILED ON 14.06.2001

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4,  
PATENTS RULES, 2003), PATENT OFFICE BRANCH, MUMBAI-400 013.

### 03 CLAIMS

A Process of preparing Sildenafil Citrate Transdermal Ointment comprising the following steps:

- a) heating 2-pyrrolidone or N-methyl 2-pyrrolidone or Dimethyl Isosorbide-5 to 40% w/w at 40 degrees to 88 degrees centigrade;
- b) dissolving sildenafil citrate 2 to 3% w/w, in the solubiliser ingredients of step (a) under continuous stirring, forming a clear solution;
- c) mixing Polyethylene Glycol 40, 5 to 55% w/w with the solution of step (b);
- d) dissolving Methyl Paraben 0.05 to 0.25% w/w and Propyl Paraben 0.005 to 0.03% w/w with the solution of step (c);
- e) melting Polyethylene Glycol 6000 preferably polyethylene Glycol 4000 5 to 35% w/w and mixing with the solution of step (d), under constant stirring;
- f) cooling the solution of step (c) under constant stirring and filling the contents in the containers of desired weight.

IND. CL. : 32 F 2 d 190496

INT. CL. : C 07 D , 333/00, 02, 10

TITLE : A PROCESS FOR PREPARING A MIXTURE OF 2-ALKENYL-3-AMINOTHIOPHENE DERIVATIVES

APPLICANT : MITSUI CHEMICALS, INC., NO.2- 5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO-100 6070, JAPAN.

INVENTORS : (1) HIROYUKI KATSUTA  
(2) SEIICHI ISHII  
(3) KANJI TOMIYA  
(4) KENJI KODAKA

APPLICATION NO.: 554/MUM/2001

FILED ON 18.06.2001

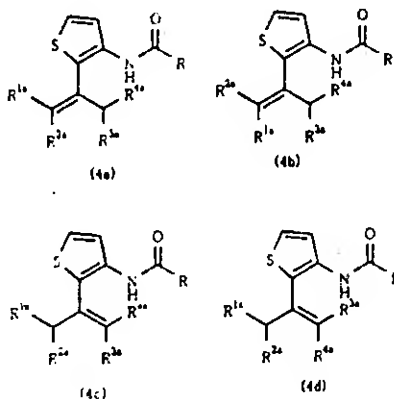
PRIORITY NO. HEI 11-69387 DATED 16.03.1999 OF JAPAN.

Divisional to : 190/MUM/2000 dated 06.03.2000.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES, 2003) PATENT OFFICE BRANCH, MUMBAI-400 013.

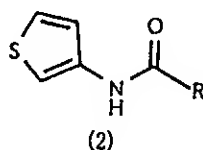
**10 CLAIMS**

A process for preparing a mixture of 2-alkenyl-3-aminothiophene derivatives containing compounds represented by the formulae (4a), (4b), (4c) and (4d) respectively.

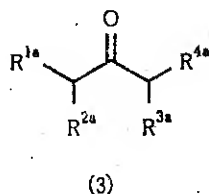


Wherein, R represents a hydrogen atom, alkyl group or alkoxy group which may be substituted, aromatic or non-aromatic hydrocarbon ring which may be substituted, aromatic or non-aromatic heterocyclic ring which may be substituted, each of R<sup>1a</sup>, R<sup>2a</sup>, R<sup>3a</sup> and R<sup>4a</sup> independently represents a hydrogen atom, straight or branched alkyl group having 1 to 12 carbon atoms, and R<sup>1a</sup> and R<sup>2a</sup>, R<sup>3a</sup> and R<sup>4a</sup>, R<sup>1a</sup> and R<sup>3a</sup>, R<sup>1a</sup> and R<sup>4a</sup>, R<sup>2a</sup> and R<sup>3a</sup> or R<sup>2a</sup> and R<sup>4a</sup> may together form a cycloalkyl group or cycloalkenyl group,

Comprising reacting a compound represented by the formula (2) :



Wherein, R is as defined above,  
With a compound represented by the formula (3):



Wherein, R<sup>1a</sup> to R<sup>4a</sup> are as define above,  
Optionally in a solvent of the kind such as herein described,  
Preferably in the temperature range of 0 to 300°C,  
In the presence of an acid which is selected from a group consisting of a mineral acid, organic weak acid, organic strong acid, solid acid, Lewis acid and ion-exchange resin.

Comp.specn. 133 pages

Drgs. nil Sheets

**IND. CL.** : 55 E **190497**

**INT. CL.** : A 61 K - 39/165, 48/ 00, C 07 K - 7/06

**TITLE** : A NOVEL PROCESS FOR THE PREPARATION OF MONOCLONAL ANTIBODIES TO FOETAL HAEMOGLOBIN.

**APPLICANT** : INSTITUTE OF IMMUNOHAEMATOLOGY, 13<sup>TH</sup> FLOOR, NEW MULTISTORIED BUILDING, K.E.M. HOSPITAL CAMPUS, PAREL, MUMBAI 400 012, MAHARASHTRA, INDIA.

**INVENTORS** : 1. IYER YAGNESWAR SITARAM,  
2. ROSHAN BEHRAM COLAH  
3. DIPIKA MOHANTY

**APPLICATION NO** : 869/MUM/2001 FILED ON 11.09.2001

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.**

### **06 CLAIMS**

A novel process for the preparation of monoclonal antibodies to foetal haemoglobin, which comprises repeatedly immunizing Balb/c mice with cord blood cells, fusing the spleen cells of the immunized mice with myeloma cell line in growing phase in presence of a fusing agent and a cell selection medium, dispensing the fused spleen cells in a sterile culture plate containing a growth supplement, incubating the plates for a period of 7 to 14 days, separating the supernatant for the presence of antibodies, recloning the cells from supernatant containing antibodies by conventional methods and separating to obtain the supernatant containing monoclonal antibodies to foetal haemoglobin.

IND. CL. : 17 E, 83 A 4 **190498**

INT. CL. : C 12 N 1/00

TITLE : A NEW MODIFIED PROCESS FOR THIS PRODUCTION OF YEAST EXTRACT FOR FOOD AND PHARMACEUTICAL INDUSTRIES BY HYDROLYSIS

APPLICANT : BURNS PHILP INDIA LIMITED,  
KEGAON, PO : URAN - 400 702.  
DIST. RAIGAD, MAHARASHTRA,  
INDIA, AN INDIAN CO.

INVENTOR(S) : 1. HEMANT VISHNU BHOLAY  
2. PRAKASH GAJANAN DARNE

APPLICATION NO : 981 / MUM /2000 FILED ON 08.10.2001  
Divisional to 631/Bom/99 Dated 08.09.99.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003), PATENT OFFICE BRANCH, MUMBAI - 13.

### 05 CLAIMS

A process for the production of Yeast Extract by new modified Hydrolysis, which comprises of the following steps :

- A. Taking yeast cake /dried yeast / yeast cream (Baker's distiller's or Brewers) having 25 to 30% dry solids (preferably 28-29% dry matter) in a sterilized stainless steel vessel;
- B. Adding concentrated hydrochloric acid to the said yeast cake /cream/ dried yeast, 8 to 16 litres per 100 kgs on cake basis (preferably 10 to 12 litres per 100 kgs of cake basis);
- C. Agitating the mash at a temperature of 90 to 100°C (preferably at 95°C) for 24-40 hours or until half of the total nitrogen obtained and then temperature decreased to 50 to 60°C (preferably 55°C) and pH 5 to 6 (preferably 5.8) with caustic and then addition of proteolytic enzymes 0.1 to 0.2% (preferably 0.15%) and metabisulphite 0.01 to 0.03% (preferably 0.03%) on yeast cake basis for period of 24 to 48 hours (preferably 30 hours);
- D. Holding the hydrolysed slurry of Step (C) at temperature of 90-100°C (preferably at 95°C) and pH 5.4 for a period of 1 to 2 hours to deactivate enzymes;
- E. Subjecting the hydrolysed slurry of Step (D) having filtered dry solids of 12 to 18% which is then filtered through filter press and lined with filter aid till all material got filtered at 70-80°C;
- F. Filterate collected and evaporated under vacuum at temperature not exceeding 75°C till concentration of solubles reaches upto 35 to 40% total solids;
- G. Concentrated material is taken out of evaporator and further chilled to 12 to 24 hours at 4-8°C (preferably 4°C) where some material crystallizes out;
- H. Chilled material is passed through filter press lined with filter aid and material sparkling clear taken into evaporator and evaporated at vacuum 28" and temperature 70 to 75°C to around 71% refractometer solids (65 to 68% dry matter ).



IND. CL. : 77 B 2 190499

INT. CL. : A 61 K 37/00

TITLE : A PROCESS OF PREPARING ESSENTIAL  
PHOSPHOLIPIDS FROM SOYBEAN/EGG  
LECITHIN LIQUID.

APPLICANT : SHAH AMIT NAVNIT  
401/501, AHSWAMEGH COMPLEX,  
NEAR MITHAKHALI UNDER BRIDGE, NAVRANGPURA,  
AHMEDABAD – 380 009,  
GUJARAT, INDIA, INDIAN NATIONAL

INVENTOR(S) : IDEM.

APPLICATION NO : 101/MUM/2002 FILED ON : 04.02.2002

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES  
2003) PATENT OFFICE BRANCH, MUMBAI – 13.

### 10 CLAIMS

1. A process of preparing Essential Phospholipids (EPL) from Soybean/Egg lecithin liquid, comprising the following steps:
- extracting Soybean/Egg lecithin liquid using Ethyl Alcohol / Iso propyl Alcohol in an extractor for precipitating out EPL as a top layer and other phospholipids at bottom and transferring the EPL precipitate/miscella, from top layer to a storage vessel,
  - distillation of the said miscella/EPL precipitate of the top layer by passing through a heat exchanger for condensing the Ethyl Alcohol / Iso Propyl Alcohol vapours for reuse and recovering EPL liquid through a flasher,
  - filtering the said EPL liquid and storing in a vessel,
  - extracting EPL liquid using Acetone/Ether/IPA in an extractor for settling out EPL precipitate at bottom,
  - drying the said EPL precipitate in slurry form, preferably in a double cone vacuum dryer to remove Acetone/Ether/IPA vapours and forming EPL lumps/cake,
  - further drying the said EPL lumps in fluid bed dryer for removing any odour and moisture,
  - milling the dried EPL lumps, preferably in a multimill and then pulverizing in a pulverizer forming EPL powder.

**Complete Specification: 09 Pages;**

**Drawings 02 Sheets.**

**IND. CL.** : 55 E **190500**

**INT. CL.** : C 07 D- 213/ 24

**TITLE** : AN IMPROVED PROCES FOR THE MANUFACTURE OF 4-ISOPROPYLPYRIDINE

**APPLICANT** : OPUS ORGANICS PVT.LTD., NO.7, MIRADOR BUILDING, GILDER LANE, OFF. BHULABHAI DESAI ROAD, BEACH CANDY, MUMBAI 400 026, MAHARASHTRA , INDIA. AN INDIAN COMPANY.

**INVENTOR** : FRAMROZE BOMI PATEL

**APPLICATION NO** : 217/MUM/2002 FILED ON 07.03.2002.

**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS (RULE 4, PATENTS RULES 2003) PATENT OFFICE BRANCH, MUMBAI - 13.**

**01 CLAIM**

An improved process of preparing 4-isopropyl pyridine, comprising the following steps:

- (i) Addition of ethylchloroformate to a precooled ( $-15^{\circ}\text{C}$ ) solution of pyridine in diethylether containing  $\text{CuI}_2$  in the proportion of 2 to 3 mole %.
- (ii) During the addition the temperature of the mass is maintained at  $-8^{\circ}\text{C}$  to  $-4^{\circ}\text{C}$
- (iii) Re-chilling the mixture to  $-15^{\circ}\text{C}$  and adding the isopropyl magnesium bromide slowly
- (iv) Adding 12%  $\text{HCl}$  to bring pH to 1-2
- (v) Separating organic layer followed by washing by water and saturated brine solution.
- (vi) Adding sulphur to the above organic layer and refluxing to derive the desired 4-isopropyl pyridine.

Comp.specn. : 04 pages

Drawings : Nil

Ind.Cl : 127G, 127 F. 190501  
 Int.Cl<sup>4</sup> : F 16 H 3/58  
 Title : A GEAR TRANSMISSION SYSTEM.  
 Applicant : HYUNDAI MOTOR CO., OF 772-1, CHANGDUK-RI, NAMYANG-MYUN, WHASUNG-GUN, KYUNGGI-DO, REPUBLIC OF KOREA.  
 Inventor : JONG-SOOL PARK  
 Application no. 2024/CAL/96 FILED ON 22.11.1996.

(Convention nos. 95-43369, 95-4210, 95-48211, 95-48214 AND 95-48212 FILED ON 23.11.95, 11.12.95, 11.12.95, 11.12.95, RESPECTIVELY IN REPUBLIC OF KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 11 CLAIMS.

A gear transmission system comprising:

A first simple planetary gear set having first, second and third elements, the first element of the first gear set receiving rotational motion input to the gear transmission system;

A second simple planetary gear set having first, second and third elements, the first element of the second gear set outputting rotational motion from the gear transmission system and the second element of the second gear set being connected to the third element of the first gear set;

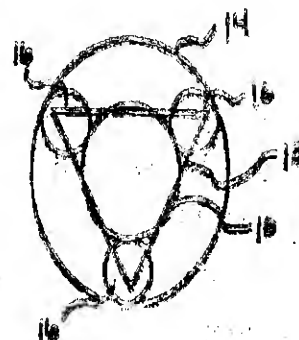
A first clutch selectively coupling the second element of the first gear set to the first element of the second gear set;

A second clutch selectively coupling two elements selected from the group consisting of the first, second, and third elements of the first gear set and the second element of the second gear set;

A third clutch selectively coupling the first element of the first gear set to the third element of the second gear set;

A first brake selectively braking the second element of the second gear set;

A second brake selectively braking the third element of



Ind.Cl : 127 G, 127 F. 190502  
 Int.Cl<sup>4</sup> : F 16 H 3/58  
 Title : GEAR TRANSMISSION SYSTEM.  
 Applicant : HYUNDAI MOTOR CO., OF 772-1, CHANGDUK-RI, NAMYANG-MYUN, WHASUNG-GUN, KYUNGGI-DO, REPUBLIC OF KOREA.  
 Inventor : JONG-SOOL PARK  
 Application no. 2027/CAL/96 FILED ON 22.11.1996.

(Convention nos. 95-43373, 95-43376, 95-48217, 95-48218 AND 95-48219 AND 95-48220  
 FILED ON

23.11.95, 23.11.95, 11.12.95, 11.12.95, 11.12.95 AND 11.12.95 RESPECTIVELY IN  
 REPUBLIC OF KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 12 CLAIMS.

A gear transmission system comprising:

A first simple planetary gear set having first, second and third elements, the first element of the first gear set receiving rotational motion input to the transmission;

A second simple planetary gear set having first, second and third elements, the first element of the second gear set outputting rotational motion from the transmission;

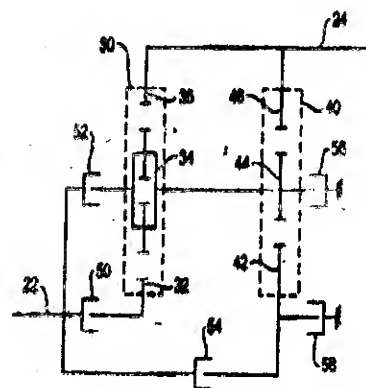
A first clutch selectively coupling the second element of the first gear set to the second element of the second gear set;

A second clutch selectively coupling the third element of the first gear set to the third element of the second gear set;

A third clutch selectively coupling the first element of the first gear set to the first element of the second gear set;

A first brake selectively braking the second element of the first gear set; and

A second brake selectively braking the third element of the second gear set.



Complete Specification 84 pages.

Drawing: 20 sheets.

Ind.Cl : F 16 H 3/58 **190503**  
 Int.Cl<sup>4</sup> : 127 G, 127 F.  
 Title : GEAR TRANSMISSION SYSTEM.  
 Applicant : HYUNDAI MOTOR CO., OF 772-1, CHANGDUK-RI, NAMYANG-MYUN, WHASUNG-GUN, KYUNGGI-DO, REPUBLIC OF KOREA.  
 Inventor : JONG-SOOL PARK.  
 Application no. 2028/CAL/96 FILED ON 22.11.1996.  
 (Convention nos. 95-43372, 95-43375, 95-48209, 95-48214, 95-48215 AND 95-48216 FILED ON 23.11.95, 23.11.95, 11.12.95, 11.12.95, 11.12.95 AND 11.11.95 RESPECTIVELY IN REPUBLIC OF KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 13 CLAIMS.

A gear transmission system comprising :

A first simple planetary gear set having first, second, and third elements, the first element of the first gear set receiving rotational motion input to the gear transmission system;

A second simple planetary gear set having first, second and third elements, the first element of the second gear set outputting rotational motion from the gear transmission system and the second element of the second gear set being connected to the second element of the first gear set;

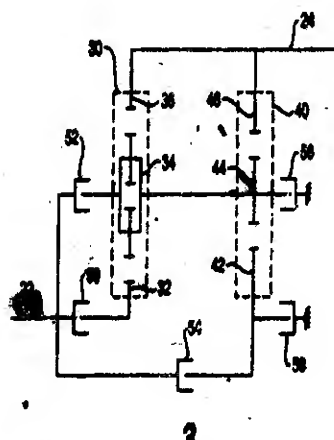
A first clutch selectively coupling the third element of the first gear set to the third element of the second gear set;

A second clutch selectively coupling two elements selected from the group consisting of the first, second, and third elements of the first gear set and the second element of the second gear set;

A third clutch selectively coupling the first element of the first gear set to the third element of the second gear set;

A first brake selectively braking the second element of the second gear set; and

A second brake selectively braking the third element of the second gear set.



**Complete Specification : 83 pages.**

**Drawing : 18 sheets.**

Ind.Cl : 127 C, 127 F. **190504**  
 Int.Cl<sup>4</sup> : F 16 H 3/58  
 Title : A GEAR TRANSMISSION SYSTEM.  
 Applicant : HYUNDAI MOTOR CO., OF 772-1, CHANGDUK-RI, NAMYANG-MYUN, WHASUNG-GUN, KYUNGGI-DO, REPUBLIC OF KOREA.  
 Inventor : JONG-SOOL PARK.  
 Application no. 2029/CAL/96 FILED ON 22.11.1996.

(Convention no.95-43372, 95-43375, 95-48209, 95-48214 AND 95-48216 FILED ON 23.11.95, 23.11.95, 11.12.95, 11.12.95, 11.12.95 AND 11.12.95 RESPECTIVELY IN REPUBLIC OF KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### **13 CLAIMS.**

A gear transmission system comprising:

A first simple planetary gear set having first, second and third elements, the first element of the first gear set receiving rotational motion input to the gear transmission system;

A second simple planetary gear set having first, second, and third elements, the first element of the second gear set outputting rotational motion from the transmission system and the third element of the second gear set being connected to the third element of the first gear set;

A first clutch selectively coupling the second element of the first gear set to the second element of the second gear set;

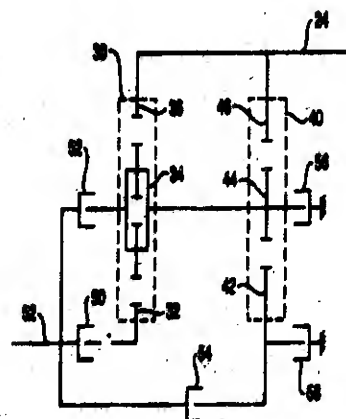
A second clutch selectively coupling the first element of the first gear set to the second element of the second gear set;

A third clutch selectively coupling two elements selected from the group consisting of the first, second and third elements of the first gear set and third element of the second gear set;

A first brake selectively breaking the second element of the second gear set;

And

A second brake selectively braking the third element of the second gear set.



Complete Specification : 89 pages.

Drawing : 20 sheets.

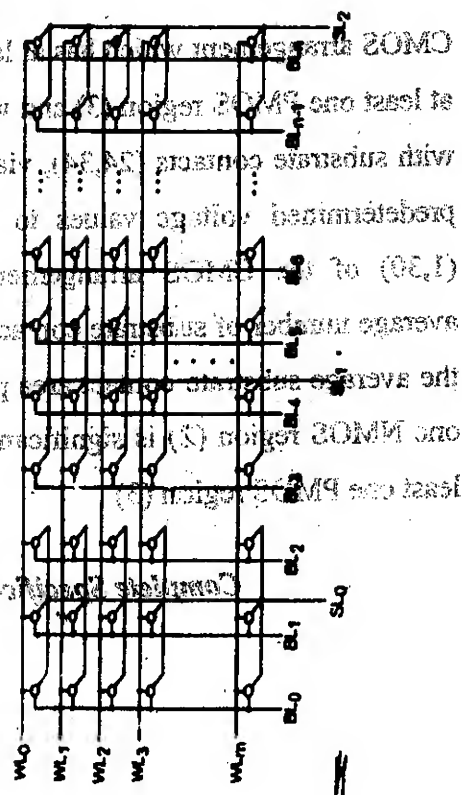
Ind.Cl : 14 A 1905 5  
 Int.Cl<sup>4</sup> : G 11 C - 11/34  
 Title : AN EEPROM.  
 Applicant : SIMENS AKTIENGESELLSCHAFT  
 OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
 Inventor : HOLGER SEDLAK.  
 Application no. 2070/CAL./96 FILED ON 2.12.1996  
 (Convention no. 19545523.1 FILED ON 6.12.95 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 18 CLAIMS

EEPROM having a multiplicity of memory cells which are arranged in a memory cell array and can be addressed by means of word, bit and source lines (WL, BL, SL) for writing, reading out and erasing, characterized in that the memory cells which can be addressed via a single world line (WL) are divided up into a multiplicity of groups, of which each is assigned a separate common source line (SL).



Complete Specification : 12 pages.

Drawing : 3 sheets.

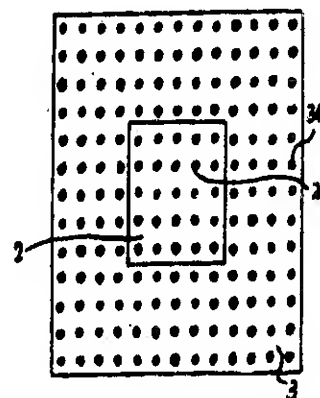
Ind.Cl : 206 E. 190506  
Int.Cl<sup>4</sup> : H 01 L - 29/06  
Title : CMOS ARRANGEMENT.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : HOLGER SEDLAK.  
Application no. 2071/CAL/96 FILED ON 2.12.96.  
(Convention no. 19545554.1 FILED ON 6.12.95 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**3 CLAIMS.**

CMOS arrangement which has at least one NMOS region (2) and at least one PMOS region (3) and which is provided at its surface with substrate contacts (24,34), via which it is possible to apply predetermined voltage values to respective substrate sections (1,30) of the CMOS arrangement, characterized in that the average number of substrate contact (24,34) per unit area and /or the average substrate contact area per unit area within the at least one NMOS region (2) is significantly smaller than within the at least one PMOS region (3)



**Complete Specification : 8 pages.**

**Drawing : 1 sheets.**



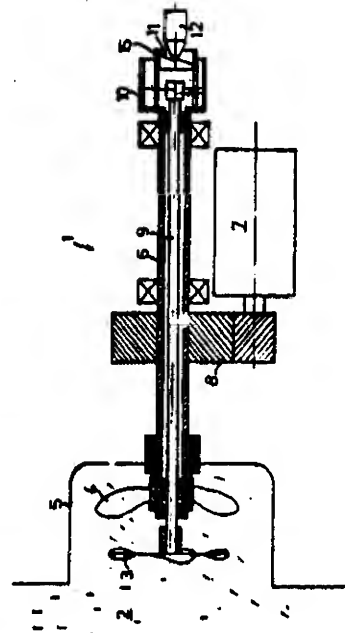
Ind.Cl : 126 C **190507**  
Int.Cl<sup>4</sup> : G 01 N 11/14  
Title : DEVICE FOR MEASURING A PARAMETER SUCH AS MASS  
CONCENTRATION OR VISCOSITY OF A FLUID MEDIUM.  
Applicant : KNUT ENARSON AB, OF ANGSGATAN 18, S-661 42 , SAFFLE,  
SWEDEN.  
Inventor : KNUT ERARSON.  
Application no. 257/CAL/97 FILED ON 13.02.1997.  
(Convention no.9601876-7 FILED ON 22.5.96 IN SWEDEN.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**12 CLAIMS.**

Device for measuring a parameter such as the mass concentration or the viscosity of fluid medium (2) such as a suspension or a liquid, comprising a rotor (3) for rotation in said medium, a drive motor (1) and a drive transmission with a drive shaft (9) for rotating the rotor and a sensor device (10) for sensing the torque which is transmitted to the rotor and which represents said parameter, characterised in that the sensor device (10) comprises an excitable frequency gauge which is deformed by said torque and the prevailing natural frequency of which is dependent on the deformation and is directly detectable by a stationary detector (12), which is placed outside the transmission.



*Complete Specification : 12 pages.*

*Drawing : 5 sheets.*

Ind. Cl. : 55 E 2  
 Int. Cl. : A 61 K 31/42  
 Title : INHIBITORS OR IMPDH ENZYME AND PROCESS FOR PREPARATION OF THE SAME.  
 Applicant : VERTEX PHARMACEUTICALS INCORPORATED, OF 130 WAVERLY STREET, CAMBRIDGE, MASSACHUSETTS 02139-4242, UNITED STATES OF AMERICA.  
 Inventor :  
 1. DAVID MORRIS ARMISTEAD,  
 2. MICHAEL CHRISTOPHER BADIA,  
 3. GUY WILLIAM DEMIS,  
 4. RANDY SCOTT BETHIEL,  
 5. CATHARINE ARMSTRONG FRANK,  
 6. PERRY MICHAEL NOVAK,  
 7. STEVEN MICHAEL RONKIN,  
 8. JEFFREY OWEN SAUNDERS.

Application no. 702/CAL/97 FILED ON 22.04.1997.

(Convention nos. 08/636,361 , 08/801 , 780 AND 08/832 , 165 FILED ON 23.4.96 , 14.2.97 AND 2.4.97 RESPECTIVELY IN U.S.A)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1993)

Patent Office Kolkata.

### 20 CLAIMS.

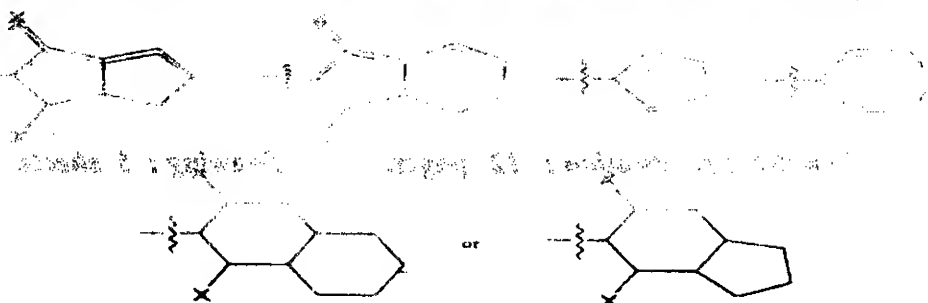
A process for preparing a compound of the formula:



wherein:

B is phenylene, substituted or linked to various groups;

B' is independently selected from saturated, unsaturated or partially saturated monocyclic or bicyclic ring systems optionally comprising up to 4 heteroatoms selected from N, O, S and selected from the formulae:



wherein each X is the number of hydrogen atoms necessary to complete proper valence;

B and B' are divalent and are bonded to the adjacent nitrogen atoms at the position marked with the wavy line in the above formulae; and substituents, if present, are attached to a C or N atom of the ring system, and each B and B' optionally comprise up to 3 substituents, wherein:

the first of said substituents, if present, is selected from  $R^1$ ,  $R^2$ ,  $R^4$  or  $R^5$ ,

the second of said substituents, if present, is selected from  $R^1$  or  $R^4$ , and

the third of said substituents, if present, is  $R^1$ ,

wherein if B is unsubstituted phenyl and all of said substituents present on B' are  $R^1$ , then at least one of said  $R^1$  substituents is not chloro, bromo or iodo; and wherein B and B' are not simultaneously unsubstituted phenyl;

and

D is selected from C(O), C(S), or S(O)<sub>2</sub>;

wherein:

each  $R^1$  is independently selected from 1,2-methylenedioxy, 1,2-ethylenedioxy,  $R^6$  or  $(CH_2)_n-Y$ ;

wherein n is 0, 1 or 2; and

Y is selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, OCF<sub>3</sub>, OH, SR<sup>6</sup>, S(O)R<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, NH<sub>2</sub>, NHR<sup>6</sup>, N(R<sup>6</sup>)<sub>2</sub>, NR<sup>6</sup>R<sup>8</sup>, COOH, COOR<sup>6</sup> or OR<sup>6</sup>;

each  $R^2$  is independently selected from (C<sub>1</sub>-C<sub>4</sub>)-straight or branched alkyl, or (C<sub>2</sub>-C<sub>4</sub>)-straight or branched alkenyl or alkynyl; and each  $R^2$  optionally comprises up to 2 substituents, wherein:

the first of said substituents, if present, is selected from  $R^1$ ,  $R^4$  and  $R^5$ , and

the second of said substituents, if present, is  $R^1$ ;

each  $R^4$  is independently selected from  $OC(O)R^6$ ,  $OC(O)R^5$ ,  $OC(O)OR^6$ ,  $OC(O)OR^5$ ,  $OC(O)N(R^6)_2$ ,  $OP(O)(OR^6)_2$ ,  $SR^6$ ,  $S(O)R^6$ ,  $S(O)R^5$ ,  $SO_2R^6$ ,  $SO_2R^5$ ,  $SO_2N(R^6)_2$ ,  $SO_2NR^5R^6$ ,  $SO_3R^6$ ,  $C(O)R^5$ ,  $C(O)OR^5$ ,  $C(O)R^6$ ,  $C(O)OR^6$ ,  $NHC(O)C(O)R^6$ ,  $NHC(O)C(O)R^5$ ,  $NHC(O)C(O)OR^6$ ,  $NHC(O)C(O)N(R^6)_2$ ,  $C(O)N(R^6)_2$ ,  $C(O)N(OR^6)R^6$ ,  $C(O)N(OR^6)R^5$ ,  $C(NOR^6)R^6$ ,  $C(NOR^6)R^5$ ,  $N(R^6)_2$ ,  $NR^6C(O)R^1$ ,  $NR^6C(O)R^6$ ,  $NR^6C(O)R^5$ ,  $NR^6C(O)OR^6$ ,  $NR^6C(O)OR^5$ ,  $NR^6C(O)N(R^6)_2$ ,  $NR^6C(O)NR^5R^6$ ,  $NR^6SO_2R^6$ ,  $NR^6SO_2R^5$ ,  $NR^6SO_2N(R^6)_2$ ,  $NR^6SO_2NR^5R^6$ ,  $N(OR^6)R^6$ ,  $N(OR^6)R^5$ ,  $P(O)(OR^6)N(R^6)_2$ , and  $P(O)(OR^6)_2$ ;

each  $R^5$  is a monocyclic or a bicyclic ring system consisting of 5 to 6 members per ring, wherein said ring system optionally comprises up to 4 heteroatoms selected from N, O, or S, and wherein a  $CH_2$  adjacent to said N, O or S may be substituted with  $C(O)$ ; and each  $R^5$  optionally comprises up to 3 substituents, each of which, if present, is  $R^1$ ;

each  $R^6$  is independently selected from  $(C_1-C_4)$ -straight or branched alkyl, or  $(C_2-C_4)$  straight or branched alkenyl; and

when  $R^6$  is alkyl,  $R^6$  comprises a substituent that is  $R^7$ ;

when  $R^6$  is alkenyl,  $R^6$  optionally comprises a substituent that is  $R^7$ ;

$R^7$  is a monocyclic or a bicyclic ring system consisting of 5 to 6 members per ring, wherein said ring system optionally comprises up to 4 heteroatoms selected from N, O, or S, and wherein a  $CH_2$  adjacent to said N, O or S may be substituted with  $C(O)$ ; and each  $R^7$  optionally comprises up to 2 substituents independently chosen from H,  $(C_1-C_4)$ -straight or branched alkyl, or  $(C_2-C_4)$  straight or branched alkenyl, 1,2-methylenedioxy, 1,2-ethylenedioxy, or  $(CH_2)_n-Z$ ;

wherein  $n$  is 1 or 2; and

$Z$  is selected from halogen, CN,  $NO_2$ ,  $OCF_3$ , OH,  $S(C_1-$

$C_4$ )-alkyl,  $SO(C_1-C_4)$ -alkyl,  $SO_2(C_1-C_4)$ -alkyl,  $NH_2$ ,  $NH(C_1-C_4)$ -alkyl,  $N((C_1-C_4)$ -alkyl) $_2$ ,  $N((C_1-C_4)$ -alkyl) $R^8$ ,  $COOH$ ,  $C(O)O(C_1-C_4)$ -alkyl or  $O(C_1-C_4)$ -alkyl; and

$R^8$  is an amino protecting group; and

wherein any carbon atom in any  $R^2$  or  $R^6$  is optionally replaced by O, S,  $SO$ ,  $SO_2$ ,  $NH$ , or  $N(C_1-C_4)$ -alkyl;

E is O or S;

G and G' are independently selected from  $R^1$  or H; comprising the step of reacting an amine such as herein described with an isocyanate or equivalents thereof for the preparation of a pharmaceutical composition for inhibiting IMPDH activity in a mammal.

**Complete Specification : 90 pages.**

**Drawing : NIL.**

Ind.Cl : 55 F 3,, 32 E & 32 F 190509  
 Int.Cl<sup>4</sup> : C 07 D 27/12, 413/12 A 61 K 31/4245  
 Title : A PROCESS FOR PREPARATION OF BENZOFUROXAN  
 DERIVATIVE  
 Applicant : TORRENT PHARMACEUTICALS LTD. OF CENTRAL PLAZA  
 1<sup>ST</sup> FLOOR, ROOM# - 106, 2/6 SARAT BOSE ROAD, CALCUTTA  
 - 7000020, WEST BENGAL, INDIA.  
 Inventor : SANKARANARAYANAN ALANGUDI.  
 Application no. 40/CAL/02 FILED ON 23.11.02

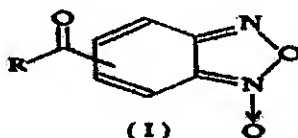
(DIVIDED OUT OF NO. 462/CAL/99 ANTEDATED TO 18.5.99)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 3 CLAIMS.

A process for preparation of benzofuroxan derivatives of general formula (I)



and pharmaceutically acceptable salts thereof

wherein

R is -O- (CH<sub>2</sub>)<sub>n</sub>-X-R';

n = 1 to 6;

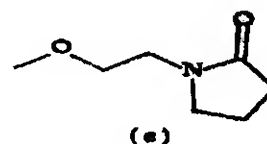
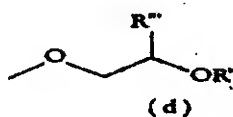
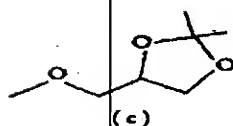
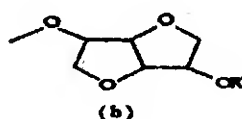
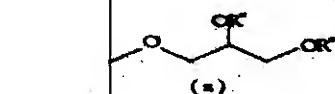
X is -NCH(O)- or oxygen;

R' is lower alkyl (C<sub>1</sub>-C<sub>3</sub>), aromatic, heteroaromatic, substituted or unsubstituted saturated heterocyclic ring with one or two hetero atoms such as nitrogen or oxygen wherein substitution is with lower alkyl,

with the proviso that R is not -

OCH<sub>2</sub> CH<sub>2</sub> nicotine amide

or R is selected from



wherein R" is hydrogen, nitro, lower alkyl or  $-C(O)-R'''$

wherein R''' is hydrogen, lower alkyl or aryl

which comprises:

- a) Reacting chloro carbonyl benofuroxan and an alcohol such as herein described in a solvent such as tetrahydrofuran at room temperature;
- b) Adding a base such as triethylamine to the reaction mixture;
- c) Refluxing the reaction mixture till the completion of the reaction;
- d) Removal of the solvent followed by addition of water and extraction with organic solvent such as ethyl acetate;
- e) Concentration of ethyl acetate layer;
- f) Purification by column chromatography, and
- g) Optionally transforming into the corresponding pharmacologically acceptable salts.

**Complete Specification : 34 pages.**

**Drawing : 4 sheets.**

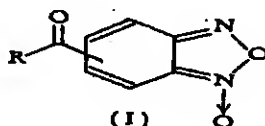
Ind.Cl : 55 F 3,, 32 E & 32 F **190510**  
 Int.Cl<sup>4</sup> : C 07 D 271/12 , 413/12 A 61 K 31/4245  
 Title : A PROCESS FOR PREPARATION OF 5(60 - [(2,3 - DIHYDROXY  
 PROPYLOXY) CARBONYL] BENZOFUROXAN DERIVATIVES..  
 Applicant : TORRENT PHARMACEUTICALS LTD. OF CENTRAL PLAZA  
 1<sup>ST</sup> FLOOR, ROOM# - 106, 2/6 SARAT BOSE RC AD, CALCUTTA  
 - 7000020, WEST BENGAL, INDIA  
 Inventor : SANKARANARAYANAN ALANGUDI  
 Application no. 42/CAL/02 FILED ON 23.1.02/  
 (DIVIDED OUT OF NO. 462/CAL/99 ANTEDATED TO 18.5.99)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

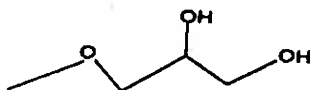
### 2 CLAIMS.

A process for preparation of 5(6)-[(2,3 - dihydroxy propyloxy) carbonyl] benzofuroxan derivatives of general formula (I)



and pharmaceutically acceptable salts thereof  
 wherein

R is



which comprises :

- a) reacting a mixture of 5(6)-[(±)2,2-dimethyl -1,3-dioxolane-4- methyloxy) carbonyl benzofuroxan and an acid such as 75% acetic acid with stirring at 80°C for 4 hours.
- b) evaporating the solvent from the reaction mixture under vacuum to give an oily product;
- c) purifying the product of step (b) by column chromatography and
- d) optionally transforming the product so obtained into the corresponding pharmaceutically acceptable salts.

Complete Specification : 35 pages. Drawing : 4 sheets.



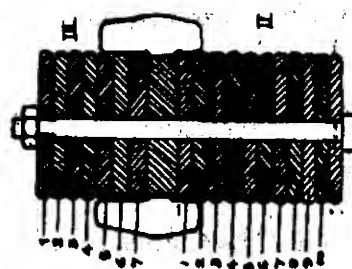
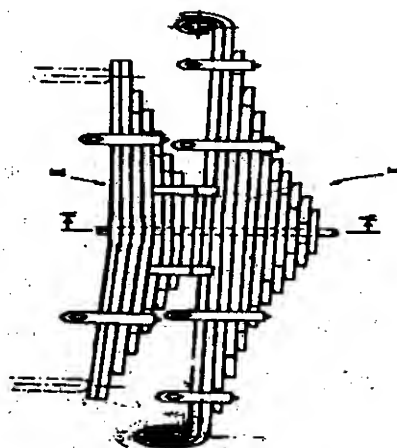
Ind.Cl : 134 A **190511**  
Int.Cl<sup>4</sup> : B 60 R 27/00  
Title : AN IMPROVED LEAF SPRING FOR USE IN THE SUSPENSION  
UNIT OF VEHICLES.  
Applicant : RABINDRA SAH, OF DESIGN & DEVELOPMENT, FORGE  
DIVISION, TATA ENGINEERING AND LOCOMOTIVE COMPANY  
LIMITED, JAMSHEDPUR – 831 010, BIHAR, INDIA.  
Inventor : RABINDRA SAH.  
Application no. 357/CAL/96 FILED ON 27.2.96:  
(COMPLETE AFTER PROVISIONAL FILED ON 26.05.1997.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**5 CLAIMS.**

An improved leaf spring for use in suspension unit of vehicle comprising main (II) and auxiliary pack (III) having plurality of spring leaves of spring steel flat characterised in that the spring steel flats are of uniform thickness at least one of the spring leaves of the main pack made of spring steel flats so that the number of spring steel flats and over all weight is substantially reduced and the rated load and performance of the spring remaining unchanged



**PROVISIONAL SPECN : 4 PAGES.**

**DRAWING : 1 SHEET.**

**Complete Specification : 8 pages.**

**Drawing : 2 sheets.**

Ind.Cl : 152 (F) 190512  
Int.Cl<sup>4</sup> : C 09 J 7/02  
Title : COLORED FILM  
Applicant : LINTEC CORPORATION OF 23-23, HONCHO, ITABASHI-KU, TOKYO, JAPAN,  
Inventor : 1. KATSUYUKI OITA.  
2. K KOHEITACHIKAWA.  
3. LEONARDO M. GARCIA.  
4. CHANDRAKANT C. PATEL.  
5. TOSHIOMINAGAWA.

Application no. 528/CAL/96 FILED ON 25.3.1996.

(Convention no. 302319/95 FILED ON 27.10.1995 IN JAPAN.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 2 CLAIMS

A colored film formed of a transparent film and at least one colored adhesive layer applied on one side of the transparent film, characterized in that the adhesive layers has been colored by a colorant composed of a pigment and a dispersant, and said dispersant comprises a (meth) acrylate ester polymer formed as essential monomer components, of an aromatic vinyl monomer, a primary to tertiary amino-containing (meth) acrylate ester monomer and a (meth) acrylate ester monomer containing an ammonium group quaternized with an aromatic compound, wherein the proportions of the monomers forming the dispersant fall within the following ranges:

The (meth) acrylate ester monomer:

0 to 70 parts by weight

the aromatic vinyl monomer:

10 to 60 parts by weight

the primary to tertiary amino-containing (meth) acrylate ester monomer:

2 to 15 parts by weight; and

the quaternized ammonium-containing (meth) acrylate ester monomer 1 to 10 parts by weight.

*Complete Specification : 35 pages.*

*Drawing : 1 sheet.*

**190513**

Ind.Cl : 206 – E

Int.Cl<sup>4</sup> : H 05 K 3/00

Title : SEMICONDUCTOR ASSEMBLY.

Applicant : 1. HITACHI LTD. LTD. OF 6, KANDASURUGADAI 4-CHOME,  
CHIYODA-KU, TOKYO 101, JAPAN.  
2. HITACHI CHEMICAL COMPANY LTD. OF 1-1, NISHISHINJUKU  
2-CHOME, SHINJUKU-KU, TOKYO 163-04. JAPAN.

Inventor : 1. MITSUO USAMI.  
2. KUNIHICO NISHI.  
3. YOSHIKATSU MIKAMI.  
4. MASAKTSU SUJUKI.

Application no. 929/CAL/96 FILED ON 22.05.1996

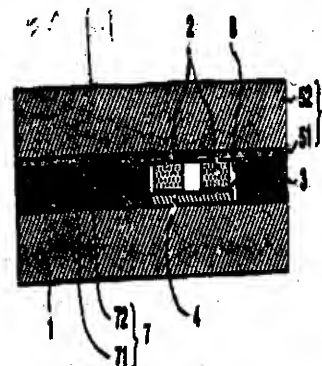
(Convention no. 7-123574 FILED ON 23.05.1995 IN JAPAN.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### **10 CLAIMS.**

A semiconductor assembly, comprising a circuit board (1) provided with a conductor circuit (4) having connecting pads; a semi-conductor chip (2) provided with connecting terminals on a first surface thereof and mounted on said circuit board and a casing (5) covering said circuit board, characterized in that, (a) said connecting pad of said conductor circuit and said connecting terminal of said semiconductor chip are disposed in a mutually opposing relationship and connected with each other by an electroconductive bonding agent such as herein described (b) middle part of thickness of said semiconductor chip coinciding with an overall middle part of thickness, of said semiconductor assembly (c), an antenna circuit (41, 42) is formed at least on one surface of said circuit board and (d) said semiconductor chip has a thickness of not more than 200µm.



**Complete Specification : 14 pages.**

**Drawing : 5 sheets.**

Ind.Cl : 55 E 4 **190514**  
Int.Cl<sup>4</sup> : A 61 K 31/00 , C 12 N 1/21  
Title : A METHOD FOR PRODUCING AN INTERFERON –  $\beta$ (IFN –  $\beta$ )  
POLYPEPTIDE.  
Applicant : CHIRON CORPORATION, OF 4560 HORTON STREET,  
EMERYVILLE, CA 94608 2916, U.S.A.  
Inventor : 1. GLEN DORIN.  
2. PATRICK J. MCALARY.  
3. KATHLEEN M. WONG.  
Application no. 1049/CAL/96 FILED ON 06.06.1996  
(Convention no. 08/477,310 FILED ON 06.06.1995 IN USA)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**10 CLAIMS.**

A method for producing an interferon –  $\beta$ (IFN –  $\beta$ ) polypeptide comprising:

- a) Providing an Escherichia coli host cell transformed with a vector comprising a sequence encoding an (IFN –  $\beta$ ) polypeptide;
- b) Culturing the cell under conditions as herein described effective to induce production of the (IFN –  $\beta$ ) polypeptide in a medium comprising a concentration of potassium cations no greater than about 75mM and a concentration of sodium cations no greater than about 40 mM, wherein the pH of the medium is maintained between about 5.4 and about 6.0; and
- c) Optionally isolating the interferon –  $\beta$ (IFN –  $\beta$ ) polypeptide in a manner as herein described.

*Complete Specification : 39 pages.*

*Drawing : 5 sheets.*

Ind.Cl : 101 B , 101 H **190515**  
Int.Cl<sup>4</sup> : E 02 B 7/02, 7/20  
Title : AN ELASTOMERIC INFLATABLE BLADDER SYSTEM.  
Applicant : HENRY K. OBERMEYER, OF WELLINGTON, COLORADO,  
UNITED STATES OF AMERICA.  
Inventor : HENRY K. OBERMEYER.  
Application no. 1112/CAL/96 FILED ON 14.6.96

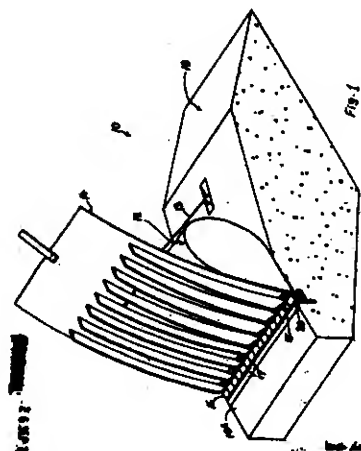
(Convention no. 08/518,620 FILED ON 23.08.1995 IN UNITED STATES OF AMERICA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**23 CLAIMS.**

An elastomeric inflatable bladder system (12) comprising an elastomeric inflatable bladder (12) characterized in that a plurality of reinforced elastomeric sheets layered on top of one another so as to create an inflatable envelope having opposing edge portions, wherein at least one of said opposing edge portions is wedge-shaped (12a or 12b), and the bladder has attachment/clamping means (16) to support surface.



**Complete Specification : 23 pages.**

**Drawing : 22 sheets.**

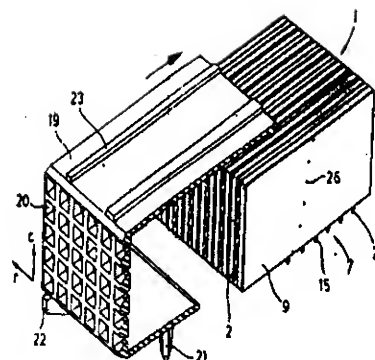
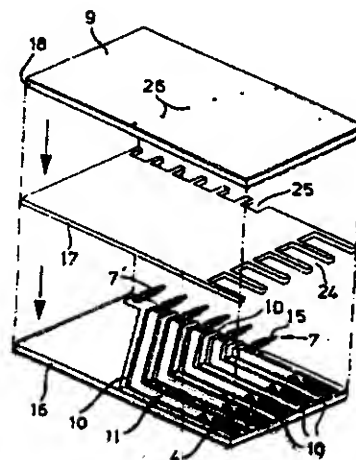
Indic : 64 B<sub>1</sub> **190516**  
 Int.Cl<sup>4</sup> : H 01 R - 4/00 H 05 K - 3/00  
 Title : A CONNECTOR COMPRISING INTEGRATED PCB ASSEMBLY.  
 Applicant : CONNECTOR SYSTEMS TECHNOLOGY N.V. OF JULIANAPLEIN  
 22, WILLEMSTAD, CURACAO, NETHERLANDS.  
 Inventor : BERNARDUS L. PAAGMAN.  
 Application no. 1222/CAL/96 FILED ON 03.07.1996.  
 (Convention no.15201811.7 FILED ON 03.07.1995 IN EPO.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

### 10 CLAIMS.

A connector comprising one or more integrated PCB assemblies (1), each of said PCB assemblies comprising a first insulating layer (16), a second layer (18) and an intermediate layer (17) between said first (16) and second (18) layers, each of said intermediate layers (17) being provided with an opening (24), each of said first insulating layers (16) comprising a predetermined pattern of conducting tracks (11) on a first surface, each of said conducting tracks (11) having one end disposed on said first surface and extending within said opening for contacting a mating contact terminal of a mating connector, characterized in that said first insulating layer is an insulating substrate (16), said second layer is a cover plate (18), said intermediate layer is a spacer (17), and said opening comprises a first set of distinct first openings (24), each of said first openings (24) accommodating a body connect portion (5) of one of a first set of distinct contact terminals (4) mounted to one end of one of said conducting tracks (11), the connector also being provided with a second set of distinct second openings (25) for receiving a second set of separate conductive elements (7), each of said second openings (25) accommodating a body connect portion of one of said second set of contact terminals (7) connected to another end of one of said conducting tracks (11).



**Complete Specification : 27 pages.**

**Drawing : 11 sheets.**

Ind.Cl : 146 D 1 **190517**  
Int.Cl<sup>4</sup> : G 02 B - 6/44  
Title : AN OPTICAL CABLE REINFORCEMENT AND A METHOD OF  
MANUFACTURE THEREOF.  
Applicant : OWENS CORNING OF FIBERGLAS TOWER, TOLEDO, OHIO,  
43659, UNITED STATES OF AMERICA.  
Inventor : 1. THOMAS P. HAGER.  
2. DIANE M. HULETT.  
3. DAVID L. MOLNAR.  
Application no. 1475/CAL/96 FILED ON 19.08.1996.  
(Convention no. 08/519038 FILED ON 24.8.95 IN USA)

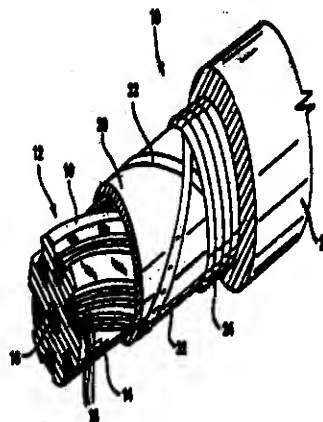
Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**18 CLAIMS.**

An optical cable reinforcement comprising a glass fiber reinforcing material (18) including glass fiber strands (30) having thereon a first coating (32) containing a binding agent including a member selected from the group consisting of latex polymers, latex copolymers and mixture thereof and a second coating (34) containing particles (36) of a water blocking agent for absorbing and desorbing water adhered to said glass fiber strands by said binding agent without said

binding agent entirely coating said particles, said first coating being present in an amount of from 2 to 20 percent by dry weight based on the weight of the glass fiber strands and said second coating being present in an amount of from 0.1 to 10 percent of dry weight based on the weight of the glass fiber strands.



**Complete Specification : 14 pages.**

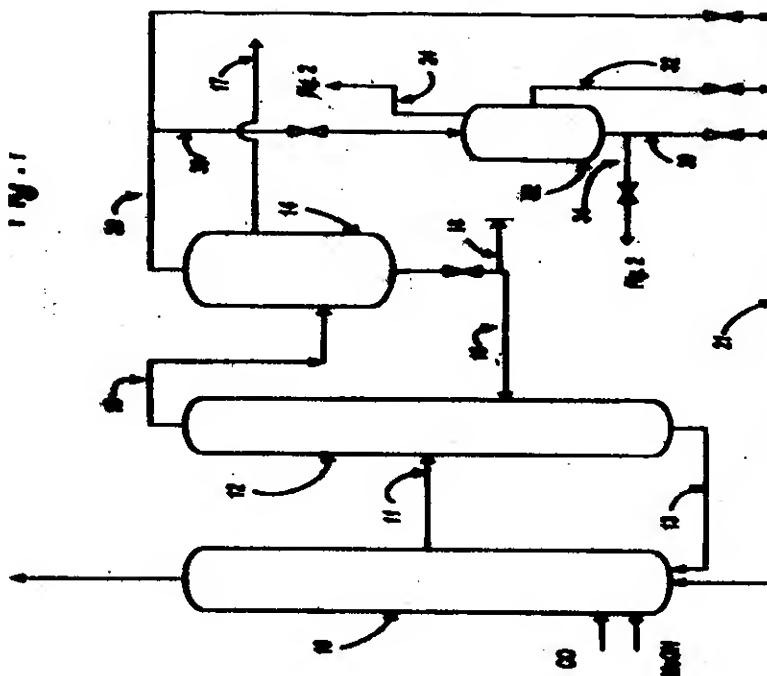
**Drawing : 3 sheets.**

Ind.Cl : 32 B 190518  
Int.Cl : C 07 C 53/08, 51/487, 51/12  
Title : A PROCESS FOR PRODUCING ACETIC ACID BY THE  
CARBONYLATION OF METHANOL.  
Applicant : HOECHST CELANESE CORPORATION, OF 202-206 NORTH,  
SOMERVILLE, NEW JERSEY, UNITED STATES OF AMERICA.  
Inventor : 1. DARRELL A. FISHER.  
2. MICHAEL L. KARNILAW.  
3. KENNETH P. KIDWELL.  
4. MELCHIOR A. MEILCHEN.  
5. VALERIE SANTILLAN.  
6. MARK O. SCATES  
7. G. PAULLTORRENCE.  
8. RICHARD F. VOGEL (JR).  
9. R. JAY WARNER.  
Application no. 1627/CAL/96 FILED ON 12.09.1996.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

**16 CLAIMS.**





A process for producing acetic acid by the carbonylation of methanol, said methanol is carbonylated in a suitable liquid phase reaction medium comprising a Group VIII metal catalyst, an organic iodide and iodide salt catalyst promoter such as herein described, the products of said carbonylation separated into a volatile phase comprising product and a less volatile phase comprising Group VIII metal catalyst, acetic acid, iodide catalyst promoter, and organic iodide; said product phase distilled in a distillation tower to yield a purified product and an overhead comprising organic iodide, methyl acetate, water, acetic acid and unreacted methanol, and recycling said overhead to said carbonylation reactor at a temperature of 150° to 250°C characterized in that.

- a) directing at least a portion of the overhead to an overhead receiver which separates the overhead into a light phase, comprising acetic acid and water, and a heavy phase comprising methyl acetate and organic iodide;
- b) venting a gas stream from the overhead receiver of (a),
- c) chilling the vented gas stream of (b) under suitable conditions to condense and separate said condensable phase from noncondensable light gases;
- d) contacting the condensable phase of (c) with an aqueous amino compound which forms water soluble nitrogenous derivatives of carbonyls;
- e) separating out resulting nitrogenous derivatives of carbonyl compounds and returning a purified condensable phase of (c) to the carbonylation reactor.

*Complete Specification : 20 pages.*

*Drawing : 2 sheets.*

Ind.Cl : 40 B. 190519  
 Int.Cl<sup>4</sup> : C 08 F - 4/658, 10/00  
 Title : A PROCESS FOR THE PREPARATION OF A SOLID TITANIUM CATALYST COMPONENT..  
 Applicant : MITSUI CHEMICALS, INC. OF 2-5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN  
 Inventor : 1. MAMORU KIOKA.  
 2. SHINICHIK KOJO.  
 3. TSUNEO YASHIKI.  
 Application no. 1786/CAL/96 FILED ON 10.10.1996.  
 (Convention no.7-263237 FILED ON 11.10.1995 IN JAPAN.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

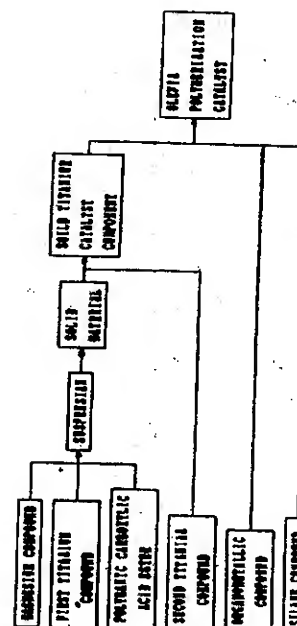
Patent Office Kolkata.

### 9 CLAIMS.

A process for the preparation of solid titanium catalyst component which comprises:

- I. A step wherein a suspension is prepared which contains a solid material prepared by contacting at a temperature of  $-70^{\circ}\text{C}$  to  $200^{\circ}\text{C}$  a magnesium compound with 0.01-1000 mole parts of a first titanium compound and 0.01 -5 mole parts of a polybasic carboxylic acid ester such as herein described per mole part of the magnesium compound used, respectively, supported thereon;
- II. A step wherein the solid material is separated from the suspension; and
- III. A step wherein the solid material is contacted with 5-200 mole parts of a second titanium compound such as herein described per mole part of the magnesium compound used under heating at a temperature of  $40-200^{\circ}\text{C}$ ;

Wherein while the solid material is separated from the suspension in the step (ii) and the solid material is supplied to the step (iii), the solid material is maintained at a temperature in the range of  $70-130^{\circ}\text{C}$ .



Complete Specification : 50 pages.

Drawing : 2 sheets.

Ind.Cl : 190 **190520**  
 Int.Cl<sup>4</sup> : B 64 C 15/00 F 02 K 9/80  
 Title : A FAILSAFE NOZZLE ACTUATING SYSTEM FOR AN AIRCRAFT  
 GAS TURBINE ENGINE AXISYMMETRIC VECTORING EXHAUST  
 NOZZLE.  
 Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHNECTADY  
 12345, STATE OF NEW YORK, UNITED STATES OF AMERICA.  
 Inventor : ROBERT MICHAEL AUSDENMOORE.  
 Application no. 1854/CAL/96 FILED ON 23.10.1996.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 2003)

Patent Office Kolkata.

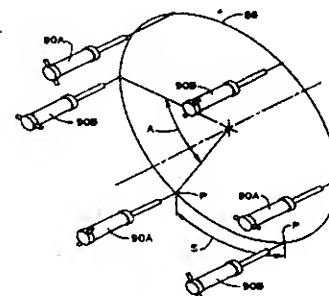
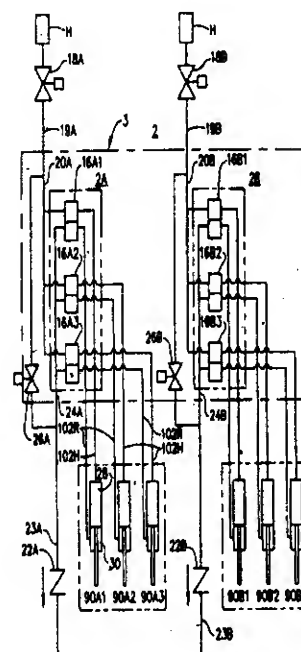
### 10 CLAIMS.

A failsafe nozzle actuating system (2) for an aircraft gas turbine engine axisymmetric vectoring exhaust nozzle (14) having a vectoring ring (86) operably linked to a plurality of pivotal flaps (50) which are circumferentially disposed about a nozzle centerline (8) and bounding an exhaust gas flow path (4) in the nozzle (14), said failsafe nozzle actuating system (2) comprising:

A first vectoring actuating system (2A) having a first group of actuators (90A) operably connected to said vectoring ring (86) and a first failsafe control means (26A) to control power to said first group of actuators,

A second vectoring actuating system (2B) having a second group of actuators (90B) operably connected to said vectoring ring (86) and a second fail safe control means (26B) to control power to said second group of actuators, and

Said actuators of said first group are interdigitated with said actuators of said second group around the nozzle (14).



**Complete Specification : 25 pages.**

**Drawing : 5 sheets.**

## OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Pearl Organics Limited, Vashi, Mumbai-400 703, to the grant of a Patent on Patent Application No. 189077 (231/MUM/2001) made by Mr. Panchgnula S. Murthy, Mumbai-400 088.

THE DESIGNS ACT 2000  
SECTION 30  
DESIGN ASSIGNMENT

The following Design stand in the name of Mold-Tek Plastics Ltd., registered under the Designs Act, 1911 has been changed in the Register of Design in the name of Mold-Tek Technologies Limited.

Design No.	Class	Name
180660, 177674, 181382, BLOCK,	03	MOLD-TEK TECHNOLOGIES LIMITED, 303, C-
181381 177675, 180657, HYDERABAD	7-1-27,	SRINIVASA COMPLEX, AMEERPET,
180658, 180659, 179457, 179458, 179459, 178179, 178177, 178178, 177679, 177678, 177680, 177676 & 177677	500 016 (A.P.),	INDIA AND INDIAN COMPANY

## PATENT SEALED ON 04-07-2003


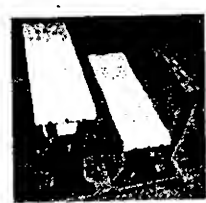


181915 188438 188441 188443 188444 188446 188447 188448 188449 188450 188451 188453  
188455 188456 188458 188459 188462 188463 188464 188465 188466 188467 188468 188469  
188470 188471 188472 188473 188474 188476 188480 188481 188482 188483 188484 188485  
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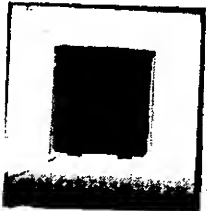

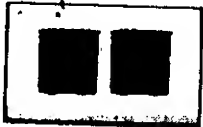

KOL—19; CHEN—06; DEL—09; MUM—06.




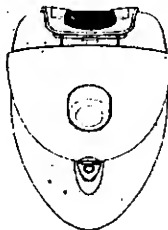
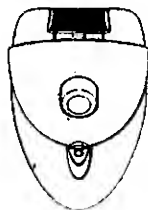
**REGISTRATION OF DESIGNS**

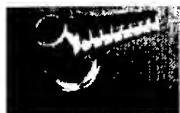


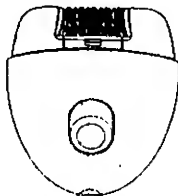

The following designs have been registered. They are open for public inspection. (Colour combination if any, is not shown in the representation)

The dates shown in the following each entry is the date of registration.



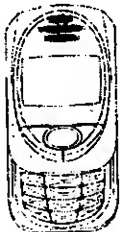


Class.	14-03	No.190752. STEELCO INTERNATIONAL, C-120, PHASE-V, FOCAL POINT, LUDHIANA-141010 (Pb.), INDIA. "TELEPHONE SET", 18 DECEMBER 2002.	
Class.	06-05	No.190755.M/S. POLYSET PLASTICS PVT. LTD., 53 CD GOVT. INDUSTRIAL ESTATE, CHARKOP, KANDIVALI(W), MUMBAI:-400 067, MAHARASHTRA, INDIA. "SCHOOL FURNITURE AS SET OF TABLE & CHAIR TO SIT THE CHILDREN DURING SCHOOL TIME.", 19 DECEMBER 2002.	
Class.	05-05	NO.190766. THE RISHABH VELVELLEN LIMITED, AT 9 <sup>TH</sup> KM, HARDWAR-DELHI ROAD, NEAR RANIPUR TOLL BARRIER, JWALAPUR, HARDWAR:- 249 407, U.P., INDIA. "TEXTILE FABRIC", 20 DECEMBER 2002.	
Class.	12-11	NO.190786. MANDEEP PRODUCTS, STREET NO.4, NEW AMAR NAGAR, LUDHIANA:- 141003(PUNJAB), INDIA. "BRAKE LEVER", 23 DECEMBER 2002.	






Class.	13-03	NO.190811. LEADER ELECTRIDCAL PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	
Class.	13-03	NO.190812. NO.190811. LEADER ELECTRIDCAL PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	
Class.	13-03	NO.190813. NO.190811. LEADER ELECTRIDCAL PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	
Class.	13-03	NO.190814. NO.190811. LEADER ELECTRIDCAL PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	
Class.	13-03	NO.190815. NO.190811. LEADER ELECTRIDCAL PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	



Class.	13-03	NO.190816. NO.190811. LEADER ELECTRIDCALS PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	
Class.	13-03	NO.190817. NO.190811. LEADER ELECTRIDCALS PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	
Class.	13-03	NO.190818. NO.190811. LEADER ELECTRIDCALS PVT. LTD., 9-B, MAHAL INDUSTRIAL ESTATE, MAHAKALI CAVES ROAD, ANDHERI(E), MUMBAI:-400 093, MAHARASHTRA, INDIA. "ELECTRICAL MODULAR PLATE", 24 DECEMBER 2002.	
Class.	28-03	NO.190836. KONINKLIJKE PHILIPS ELECTRONICS N.V., AT GROENEWOUDSWEG 1, 5621 BA EINDH-OVEN, THE NETHERLANDS. "EPILATOR DEVICE", 30 <sup>th</sup> JULY 2002. {INTERNATIONAL DESIGN REGISTRY AT WIPO FORMED UNDER THE HAGUE AGREEMENT}	
Class.	28-03	NO.190837. KONINKLIJKE PHILIPS ELECTRONICS N.V., AT GROENEWOUDSWEG 1, 5621 BA EINDH-OVEN, THE NETHERLANDS. "EPILATOR DEVICE", 30 <sup>th</sup> JULY 2002. {INTERNATIONAL DESIGN REGISTRY AT WIPO FORMED UNDER THE HAGUE AGREEMENT}	

Class.	24-01	NO.190320. S.R. EQUIPMENT, 2103, PHASE-I, URBAN ESTATE, DURGI ROAD, LUDHIANA;-141002, (Pb.), INDIA. "MECNIUM CONNECTOR", 1 NOVEMBER 2002.	
Class.	08-07	NO.190321. GRUMANN ENTERPRISES, 513, PHASE-I, INDUSTRIAL AREA, CHANDIGARH-160002, (U.P.) INDIA. "DOOR CLOSER", 1 NOVEMBER 2002.	
Class	02-04	NO.190337. NAVIN UDYOG, 303A, ARTONI, AGRA, (U.P.), INDIA. "SOLE FOR FOOTWEAR", 5 NOVEMBER 2002.	
Class.	28-03	NO.190838. KONINKLIJKE PHILIPS ELECTRONICS N.V., AT GROENEWOUDSWEG 1, 5621 BA EINDH-OVEN, THE NETHERLANDS. "EPILATOR DEVICE", 30 <sup>TH</sup> JULY 2002, {INTERNATIONAL DESIGN REGISTRY AT WIPO FORMED UNDER THE HAGUE AGREEMENT}	
Class	09-01	NO.190839. HINDUSTAN LEVER LIMITED AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI:-400 020, MAHARASHTRA, INDIA.	



Class.	09-03	NO.190841. HINDUSTAN LEVER LIMITED AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI:-400 020, MAHARASHTRA, INDIA.	
Class.	14-03	NO.190884. SIEMENS AKTIENGESELLSCHAFT, WITTELSBACHERPLATS 2, 80333 MUNICH, GERMANY. "MOBILE PHONE", 9 JULY 2002.{PRIORITY GERMANY.}	
Class.	14-03	NO.190885. SIEMENS AKTIENGESELLSCHAFT, WITTELSBACHERPLATS 2, 80333 MUNICH, GERMANY. "MOBILE PHONE", 5 JULY 2002.{PRIORITY GERMANY.}	
Class.	19-06	NO.190899. LINC PEN & PLASTICS LTD., 3, ALIPORE ROAD, 1 <sup>ST</sup> FLOOR, KOLKATA:-700 027, W.B., INDIA. "PEN", 3 JANUARY 2003.	
Class.	07-01	NO.190919.M/S. S.K. INDUSTRIES (P) LTD., 11/2-A, PUSA ROAD, NEW DELHI, INDIA. "CUP", 7 JANUARY 2003.	

Class.	07-01	NO.190920. M/S. S.K. INDUSTRIES (P) LTD., 11/2-A, PUSA ROAD, NEW DELHI, INDIA. "CUP", 7 JANUARY 2003.	
Class.	07-01	NO.190922. M/S. S.K. INDUSTRIES (P) LTD., 11/2-A, PUSA ROAD, NEW DELHI, INDIA. "CUP", 7 JANUARY 2003.	
Class.	07-01	NO.190924. M/S. S.K. INDUSTRIES (P) LTD., 11/2-A, PUSA ROAD, NEW DELHI, INDIA. "CUP", 7 JANUARY 2003.	
Class.	21-01	NO.190927. SAAHINE TOYS, T625 GALI 10 GAUTA-MPURI, DELHI-110053 (INDIA). "TOYS", 8 JANUARY 2003.	
Class.	02-04	NO.190948. RAMANAND ENTERPRISES INDIA PVT. LTD., 13/14, BARAGHATA INDUSTRIAL AREA, JHANSI ROAD, GWALIOR (M.P.), INDIA. "SOLE FOR FOOTWEAR", 8 JANUARY 2003.	

<b>Class.</b>	<b>99-00</b>	NO.190952. ZALMAN TECH CO. LTD., 1007 DEARYUNG TECHNO TOWN III, 448 GASAN-DONG, GUMCHUN-GU, SEOUL. "A RADIATOR FOR ELECTRONIC EQUIPMENT", 20 JULY 2002.{PRIORITY KOREA}.	
<b>Class.</b>	<b>12-11</b>	NO.190995. REMSON INDUSTRIES, 786/39, STREET NO.I, MURADPURA, MILLER GANJ, LUDHIANA:-141003, (Pb.), INDIA. "BI-CYCLE PEDAL", 13 JANUARY 2003.	

H.C. BAKSHI

Controller General of Patents, Designs &amp; Trademarks.